

# ***Hustler® Sport CE Parts Manual***



**HUSTLER®**

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*Excel Industries, Inc.*

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*200 S. Ridge Road*

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*Hesston, Kansas*

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*67062*



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## General Information

*This manual covers Hustler® Sport models **929570CE**, **929588CE** with serial numbers 11010000 and higher, **931600CE** & **931618CE**.*

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### **Service Literature**

PART NO.	DESCRIPTION
602902CE	OPERATOR'S MANUAL
108934	SERVICE MANUAL
114192	WARRANTY STATEMENT

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### **Options Available From Your Dealer**

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
929653	CATCHER, 2-BAG 42" SPORT	929828	CATCHER, 2-BAG 48" SPORT
111167	HOURLY METER KIT	110737	SPORT LED LIGHT KIT
333724	STEERING ARM EXTENSION KIT		

***Note:** When ordering parts, you must use the part number as shown for each part, not the index number. Always give the model and serial number to your parts and service representative.*

***Note:** Items sold in bulk such as seals and hoses are sold by the foot.*

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### **Using This Manual**

*This manual is part of a service package for the Hustler® mowers. Use of this manual in conjunction with other Hustler® mower and component manuals will provide the information necessary to service and maintain Hustler® mowers.*

*This Parts Manual provides a complete parts listing for the unit. Use this manual when ordering parts. Illustrations used were current at the time of printing, but subsequent production changes may cause your machine to vary slightly in detail. Excel Industries, Inc. reserves the right to redesign and change the machine as deemed necessary, without notification. If a change has been made to your machine which is not reflected in this parts manual, see your Hustler dealer for current information and parts.*

*The Operator's Manual provides fundamental operational information and operational safety that is needed when operating the mower.*

*The component manuals are furnished by the various manufacturers to be used for the troubleshooting and servicing of their products.*

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## **Hardware Description Codes & Abbreviations**

*The following codes are used throughout this parts manual. Refer to this list when ordering parts.*

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
CB	CARRIAGE BOLT	MB	MACHINE BUSHING
CE	CLEVIS PIN	MS	MACHINE SCREW
CN	CLIP NUT	NT	NUT
CP	COTTER PIN	SC	SELF TAPPING CAP SCREW
CS	CAP SCREW	SH	SOCKET HEAD
CW	CUP WASHER	SB	SHOULDER BOLT
FDRW	FENDER WASHER	SS	SET SCREW
FW	FLAT WASHER	OD	OUTSIDE DIAMETER
HX	HEX HEAD	ID	INSIDE DIAMETER
LW	LOCK WASHER		

## **Standard Torques**

*The following chart lists the standard torque values for the threaded fasteners found in this manual. Torque all cap screws, nuts and set screws to these values unless a different torque is shown in the Notes section next to the fastener.*

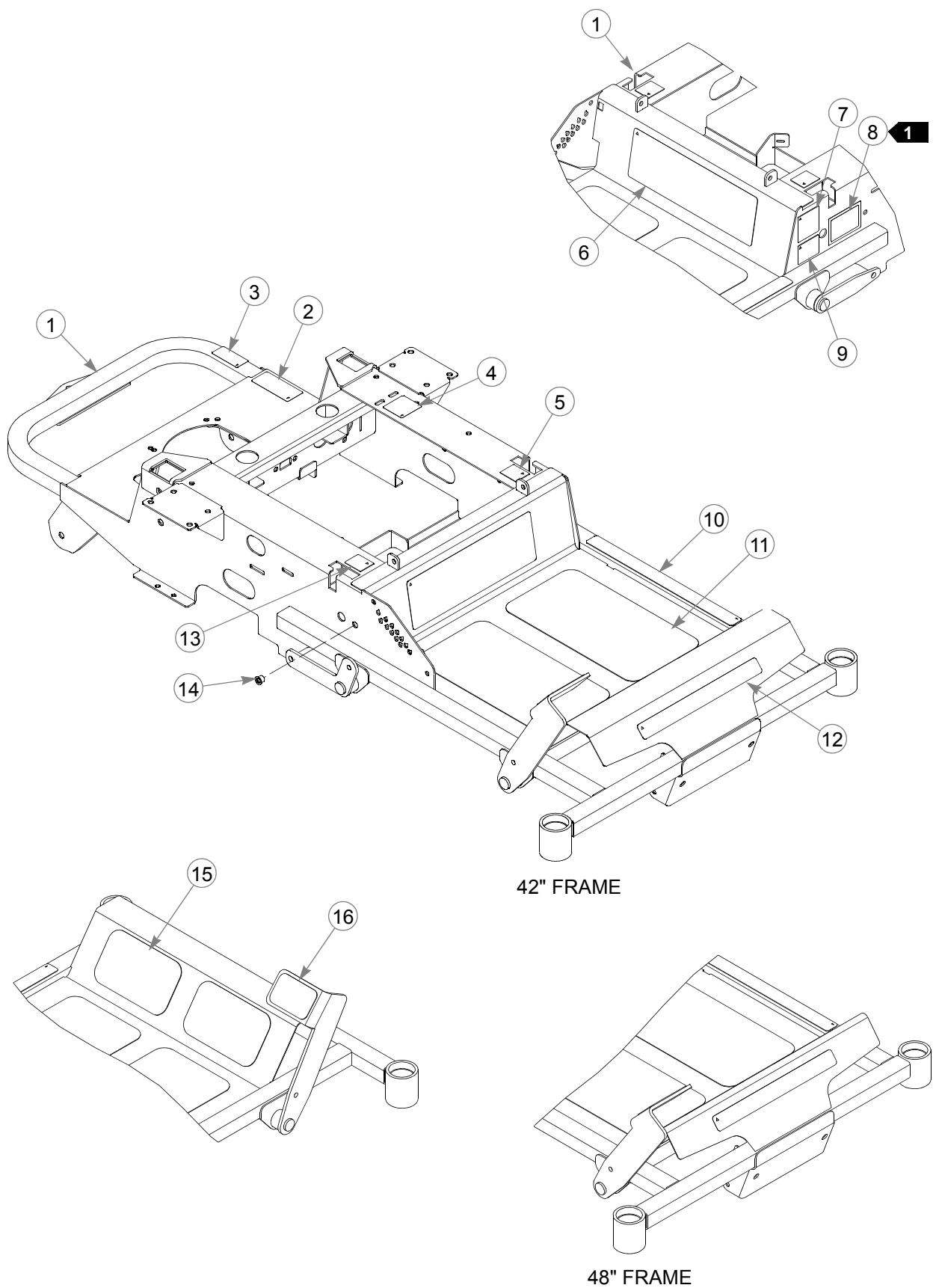
SIZE	FT-LBS	N-M	SIZE	FT-LBS	N-M
.250	8.2	11.1	M3	1	1.3
.312	17	23	M4	2.2	3
.375	30	40	M5	4.5	6.1
.438	48	65	M6	7.7	10.4
.500	73	99	M8	18.5	25
.562	105	143	M10	37	50
.625	145	200	M12	64	87
.750	260	350	M14	80	108.5
.875	420	565	M16	160	215
1.00	625	850	M20	320	435
			M24	555	750

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## Section 2

Frame .....	2-2
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# Frame



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## **Frame**

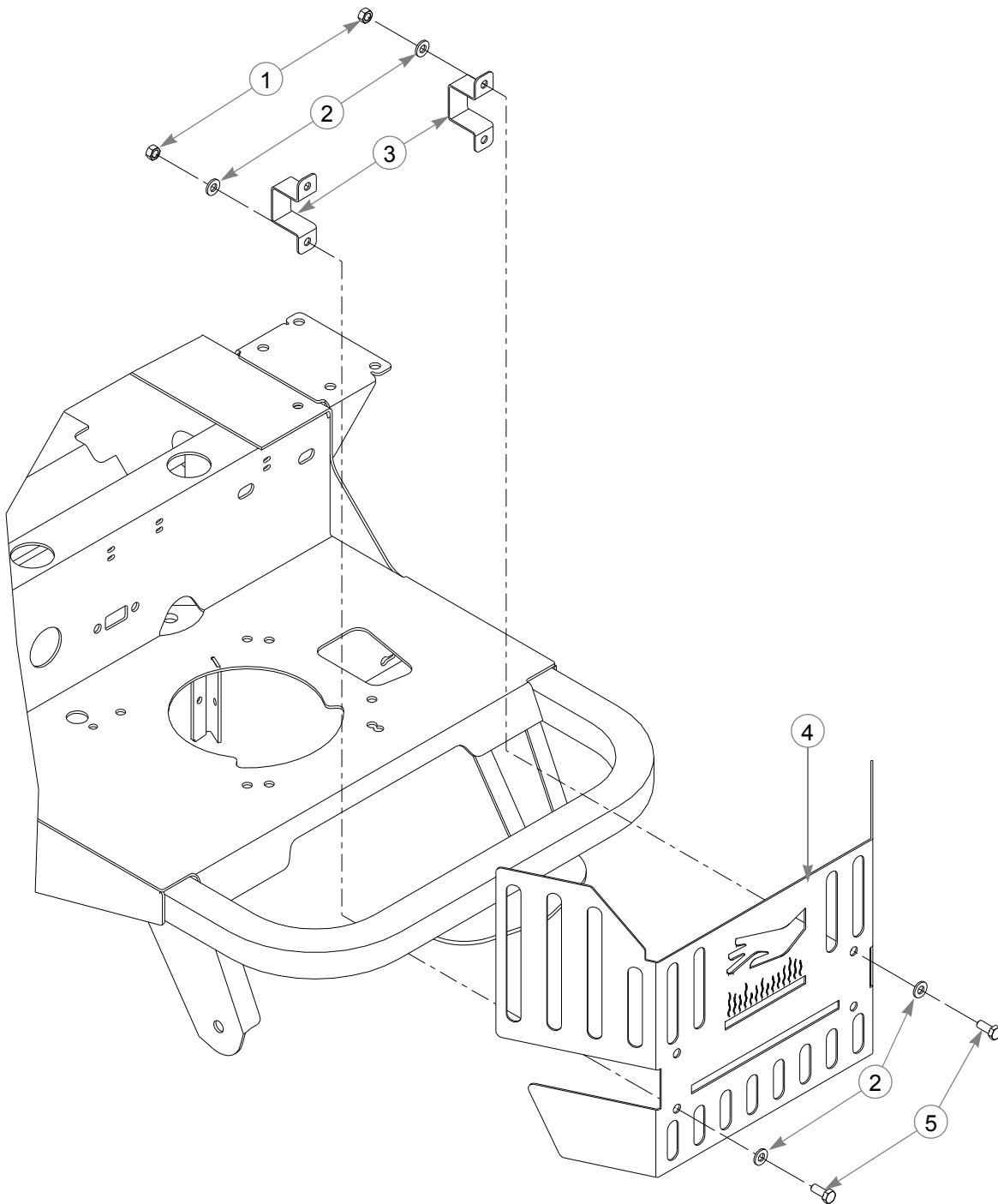
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	550668CE	1	42" MOWER FRAME (WITH DECALS & RIVET NUTS)
	550669CE		48" MOWER FRAME (WITH DECALS & RIVET NUTS)
2	601967	1	ENGINE COMPARTMENT DECAL
3	602041	1	HOT DECAL
4	602562	1	NO SERVICE DECAL
5	785139	1	LS STEERING DECAL
6	601812	1	ID DECAL
7	794834CE	1	CE 100 DBA LIMIT DECAL (42" MOWER)
	789776CE	1	CE 105 DBA LIMIT DECAL (48" MOWER)
8	N/A	1	SERIAL NUMBER / SPEC DECAL
9	776310	1	CE MARK DECAL
10	601993	1	SAFE OPERATION DECAL
11	601986	2	STEP TREAD, LOWER
12	602407	1	HUSTLER ID DECAL
13	785220	1	RS STEERING DECAL
14	808485	1	5/16-18 THREAD RIVET NUT
15	110063	2	GRIP TAPE
16	601987	1	STEP TREAD

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### **NOTES:**

1. In the event the serial number tag becomes damaged or illegible, please contact your Hustler dealer to order a replacement.

## **Engine Guard**



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## **Engine Guard**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	034272	4	NT .312-18 HX G5 ZNYC
2	768523	8	FW .343 X .687 X .051/.080H
3	111892	2	MUFFLER GUARD STRAP
4	111643	1	MUFFLER GUARD, CE
5	034280	4	CS .312-18X .75 HX G5

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### **NOTES:**



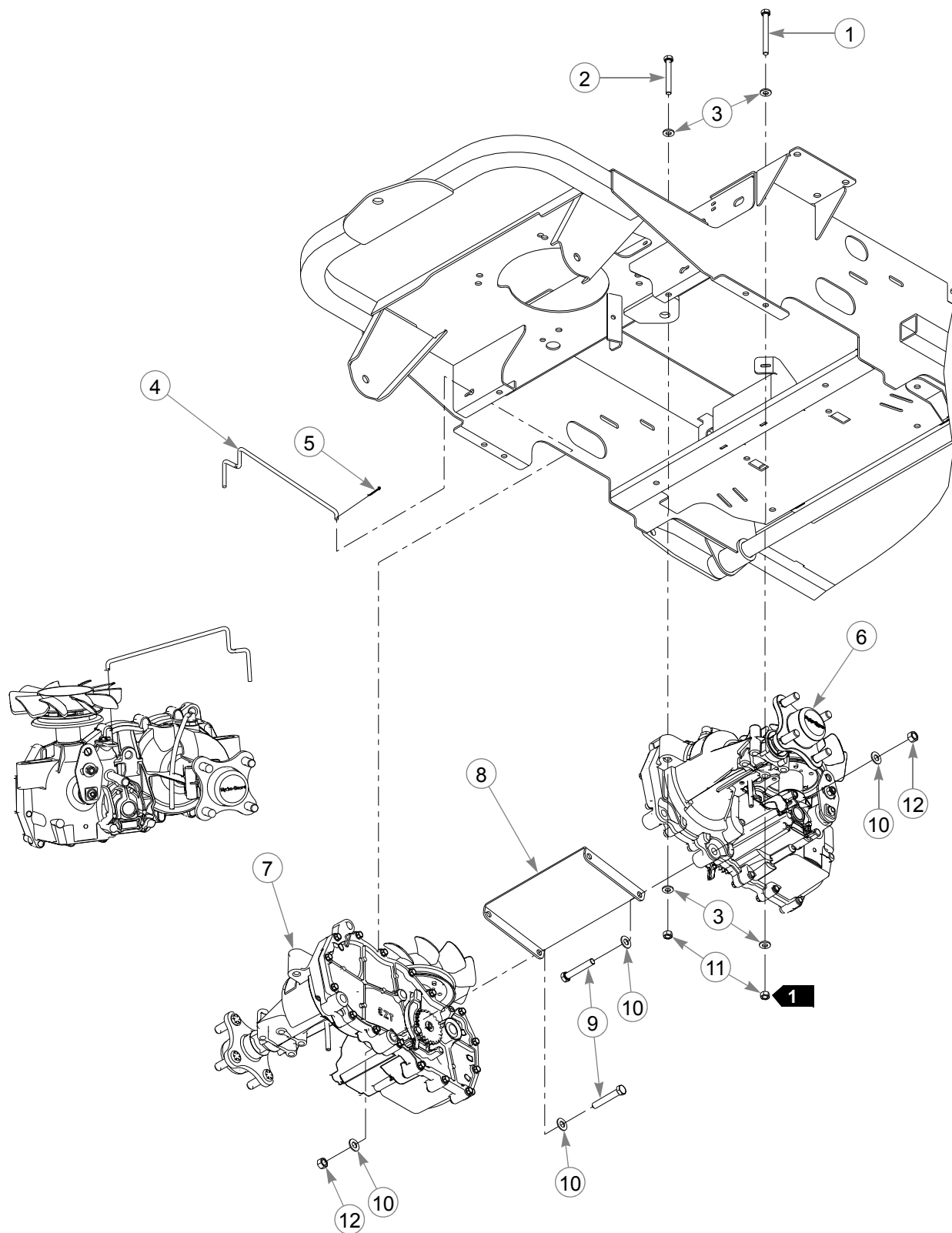


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# Hydraulic System



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## **Hydraulic System**

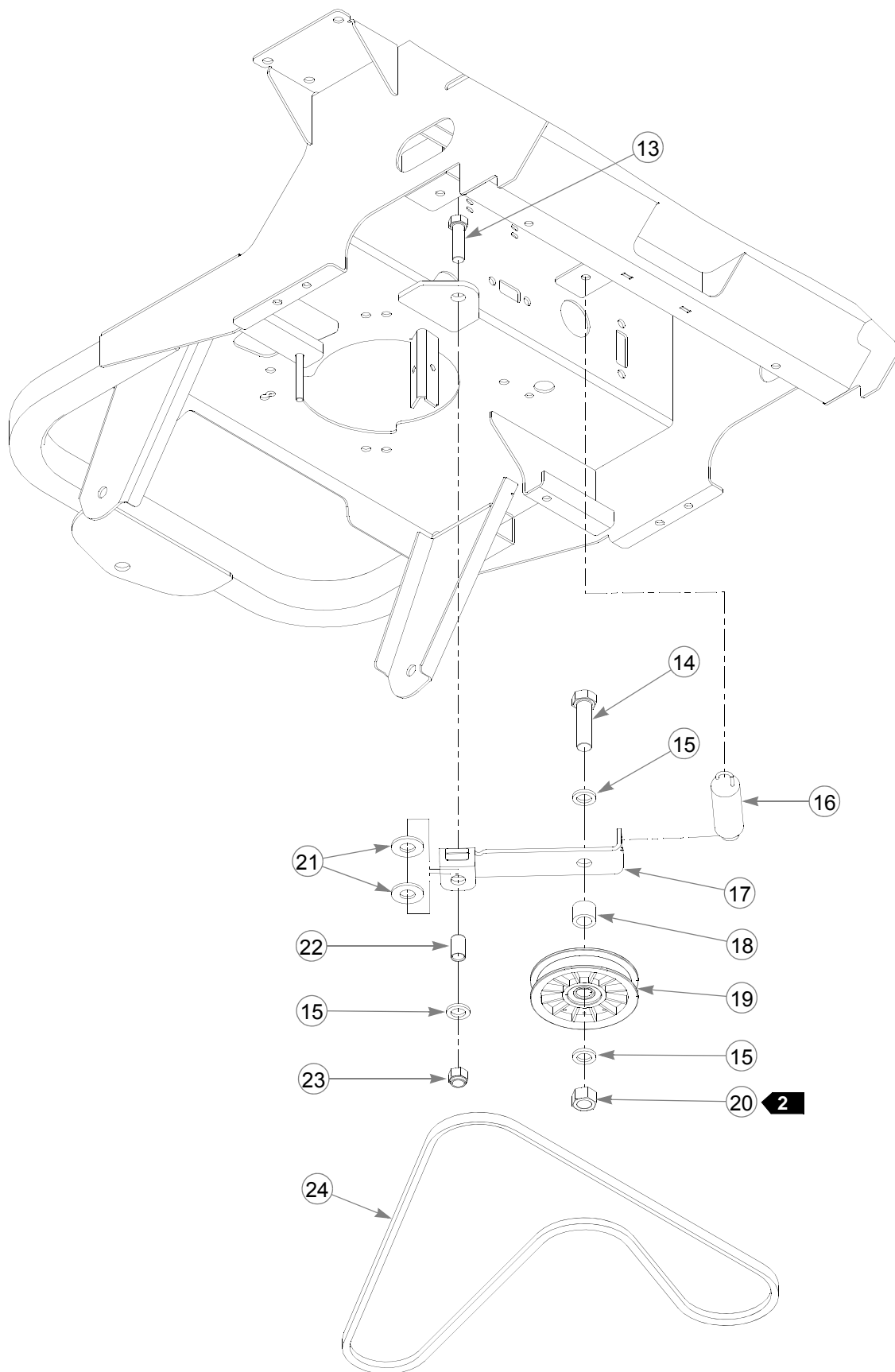
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	043067	4	CS .312-18 X 3.00 HX G5 Z
2	710087	4	CS .312-18 X 2.50 HX G5
3	768523	16	FW .343 X .687 X .051/.080H
4	793174	2	TOWLINK ROD
5	048553	2	CP .062D X 1.00 LG HML Z
6	603091	1	TRANSMISSION
7	603090	1	TRANSMISSION
8	110042	1	HYDROSTAT CROSS BRACE
9	056036	4	CS .375-16 X 2.25 HX G5 ZN
10	767954	8	FW .406 X .812 X .060 SAE
11	034272	8	NT .312-18 HX G5 ZNYC
12	054502	4	NT .375-16 HX G5 ZNY

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### **NOTES:**

1. Torque to 23 N-m.

## **Pump Belt**



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## **Pump Belt**

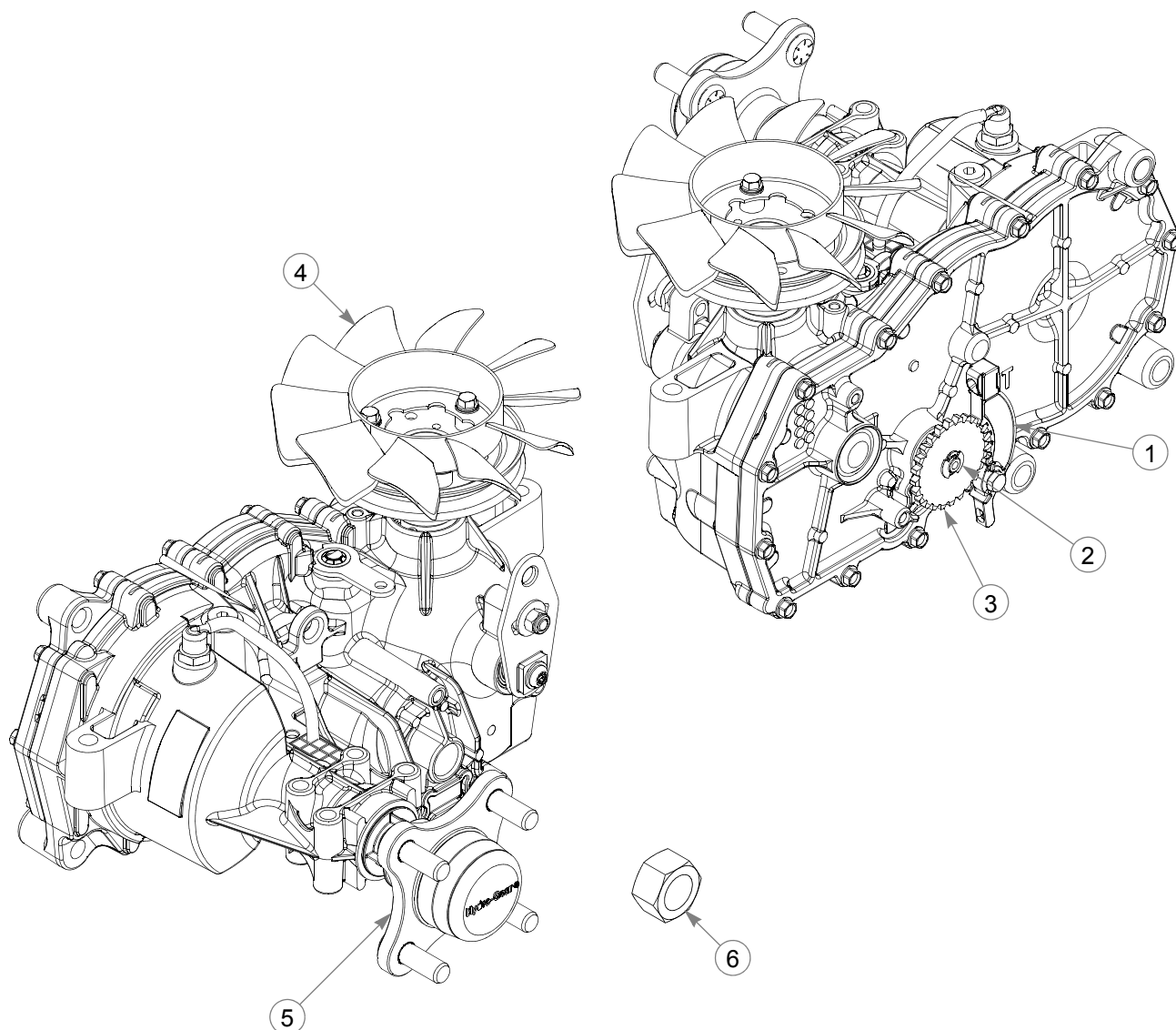
INDEX NO.	PART NO.	QTY.	DESCRIPTION
13	017616	1	CS .500-13 X 1.75 HX G5
14	601983	1	CS .625-11 X 2.25 HX G5 ZY
15	028118	3	FW .625 X 1.00 X .134 ZNYC
16	036384	1	SPRING 1/4 COIL PL 1.23
17	111079	1	PUMP IDLER
18	601398	1	IDLER SPACER
19	784827	1	IDLER PULLEY 4.00" OD
20	016972	1	NT .625-11 HX G5 ZNYC
21	602026	2	BEARING
22	602025	1	BUSHING, IGUS .500 I.D.
23	781567	1	NT .500-13 HX G8 ZY NL
24	769133	1	BELT

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### **NOTES:**

2. Torque to 200 N-m.

## **Transmission Service Parts**



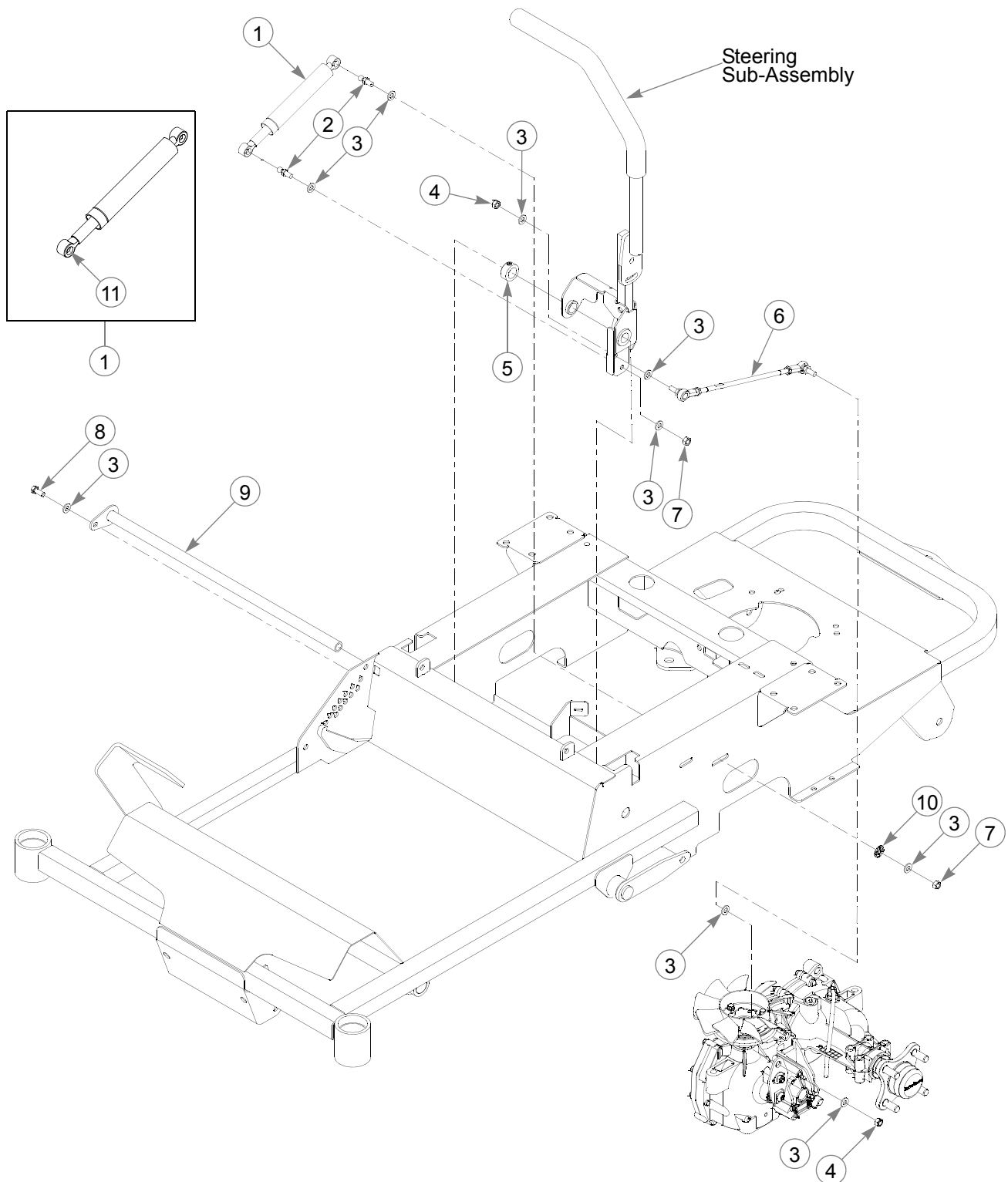
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	795047	1	PARKING PAWL KIT
2	798371	1	RETAINING RING
3	798363	1	PARK BRAKE GEAR
4	601941	1	FAN/PULLEY KIT
5	601433	1	4 BOLT HUB KIT (INCLUDES NUT)
6	788877	1	HUB NUT

### **NOTES:**

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# **Steering**





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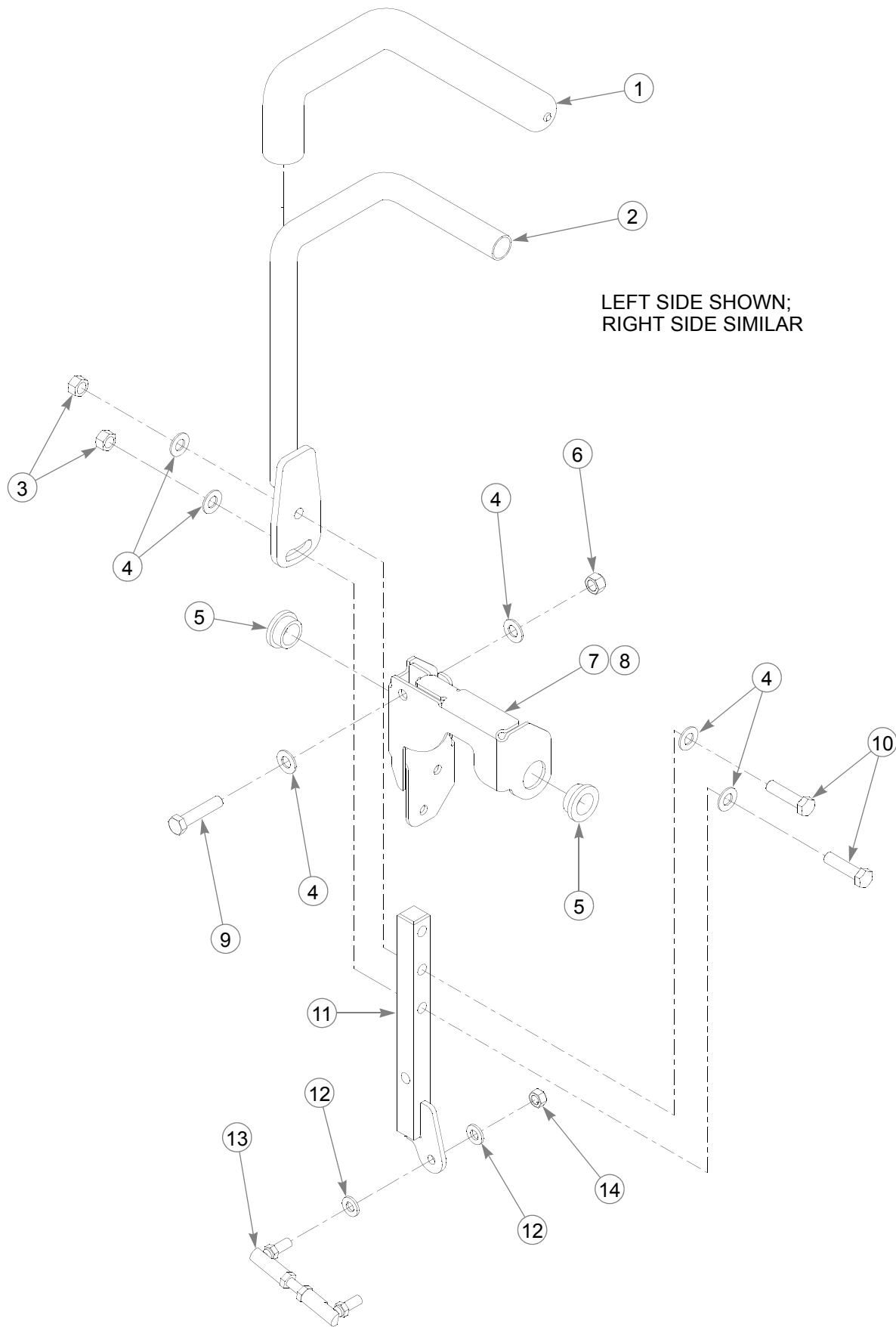
## **Steering**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	600221	2	STEERING DAMPER
2	781922	4	BALL STUD
3	768523	17	FW .343 X .687 X .051/.080H
4	023655	4	NT .312-24 HX ZY NL
5	784439	2	LOCK COLLAR 0.757 ID
6	600981	2	PUMP ROD
7	034272	4	NT .312-18 HX G5 ZNYC
8	034280	1	CS .312-18 X .75 HX G5
9	110014	1	PIVOT TUBE
10	029876	2	LW .312 INT-EXT TOOTH
11	601426	1	CAP LOCK

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### **NOTES:**

## **Steering Sub-Assembly**



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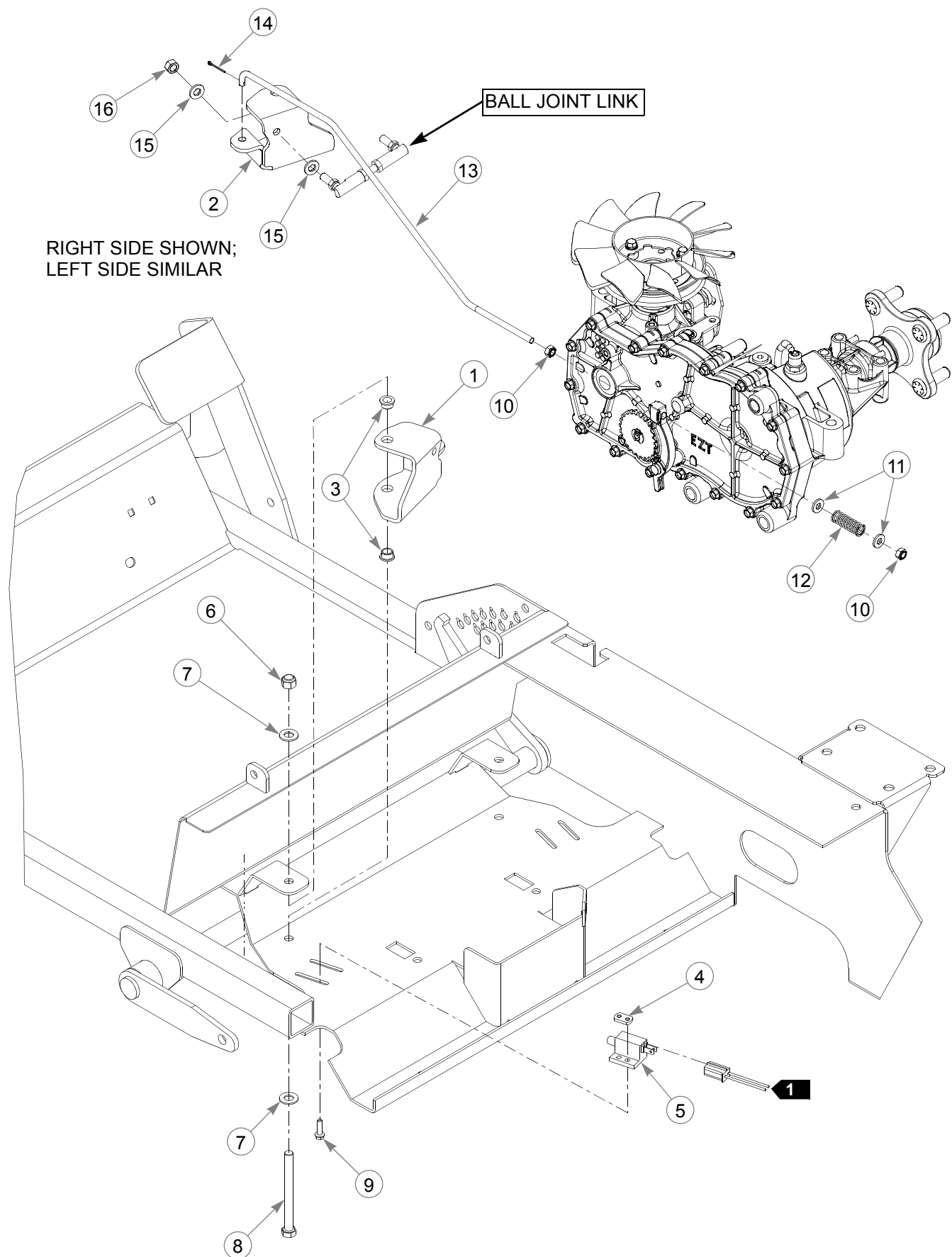
## **Steering Sub-Assembly**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781260	2	STEERING BAR GRIP
2	110370	2	STEERING BAR (WITH GRIP)
3	054502	4	NT .375-16 HX G5 ZNY
4	767954	12	FW .406 X .812 X .060 SAE
5	770867	4	BUSHING
6	086660	2	NT .375-16 HX ZY NL
7	110008	1	LS STEERING BOX
8	110007	1	RS STEERING BOX (NOT SHOWN)
9	705178	2	CS .375-16 X 1.75 HX G5
10	080655	4	CS .375-16 X 1.50 HX G5
11	110089	2	CONTROL LEVER
12	768523	4	FW .343 X .687 X .051/.080H
13	796615	2	BALL JOINT LINK
14	023655	2	NT .312-24 HX ZY NL

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### **NOTES:**

## **Park Brake**



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## **Park Brake**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	110001	1	LS BRAKE ACTUATOR
2	110000	1	RS BRAKE ACTUATOR
3	765339	4	BUSHING
4	601822	2	NUT PLATE .420 CENTERS
5	781211	2	PUSH BUTTON SWITCH
6	086660	2	NT .375-16 HX ZY NL
7	767954	4	FW .406 X .812 X.060 SAE
8	725796	2	CS .375-16 X 4.00 HX G8 Z
9	063198	4	CS 10-24 X .75 HXFLK ZN
10	068551	4	NT .250-20 HXZY NL
11	768515	4	FW .281 X .625 X .051/.080H
12	601131	2	SPRING
13	110009	2	BRAKE ACTUATOR ROD
14	048553	2	CP .062D X 1.00 LG HML Z
15	768523	8	FW .343 X .687 X .051/.080H
16	023655	2	NT .312-24 HX ZY NL

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### **NOTES:**

1. Part of the wire harness.

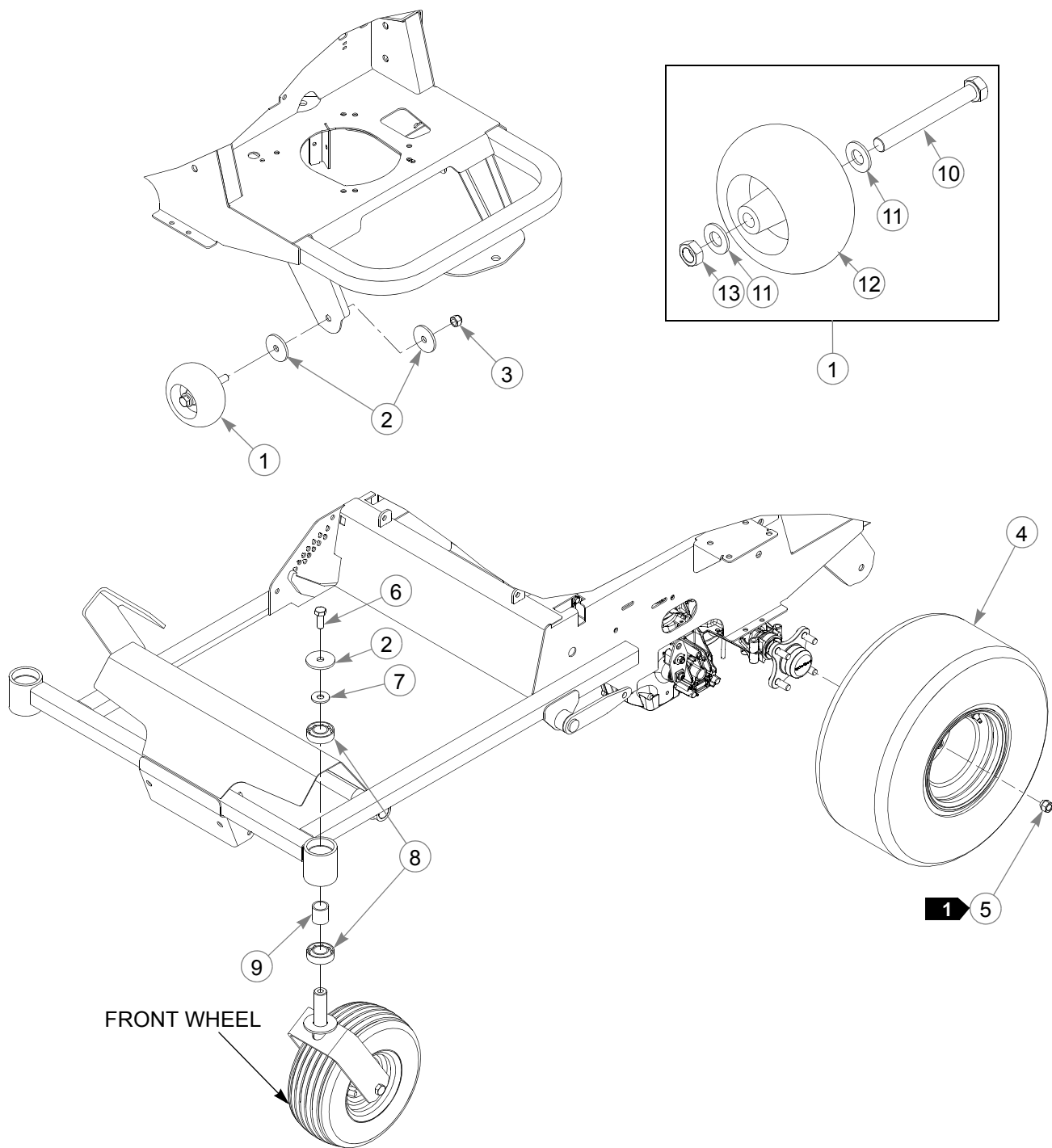


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## Wheel & Tire





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## **Wheel & Tire**

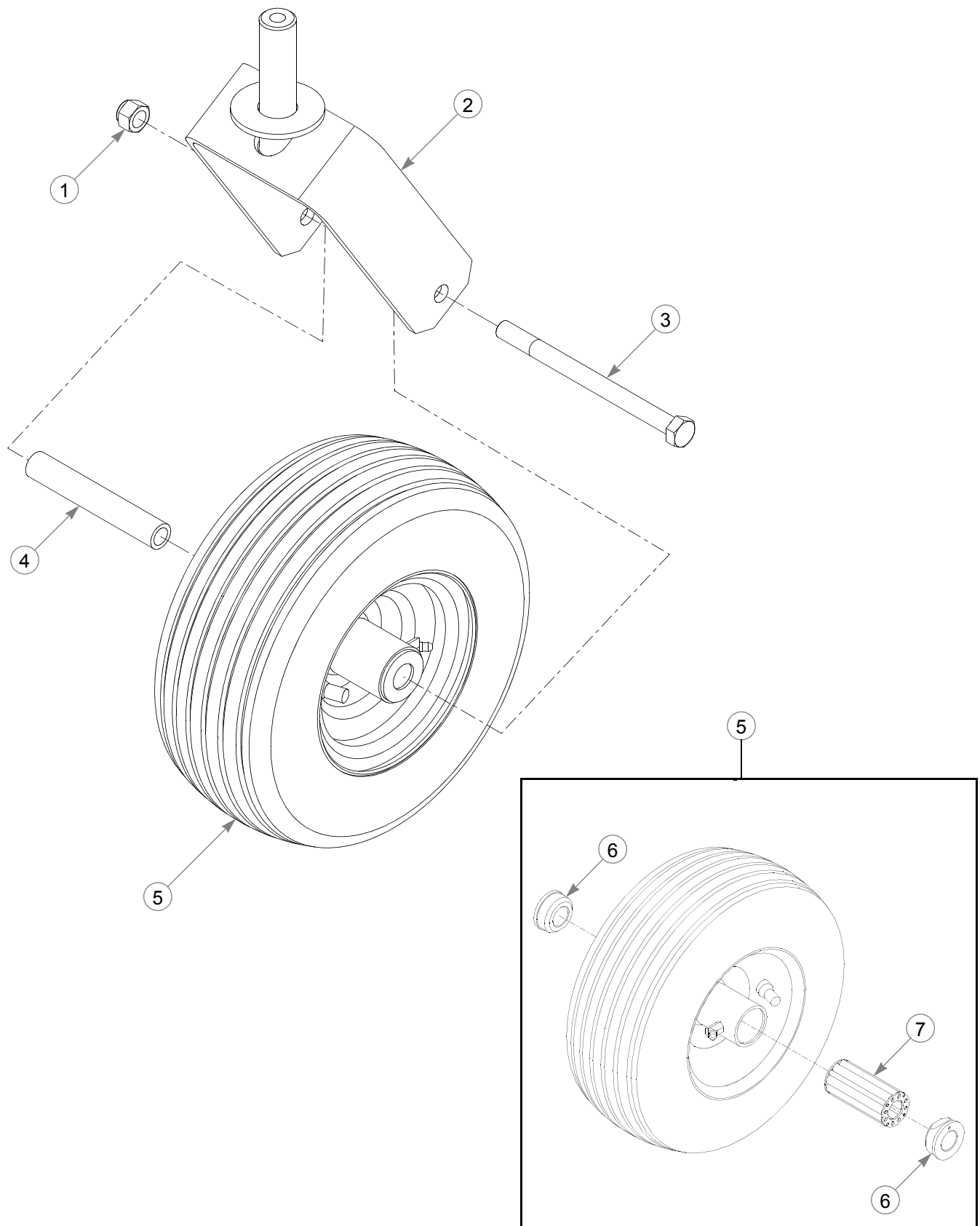
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	788166	2	PLASTIC WHEEL ASSEMBLY (WITH HARDWARE)
2	344267	6	FW .510 X 2.15 X .187 SPL
3	781567	4	NT .500-13 HX G8 ZY NL
4	601810	2	TIRE/WHEEL 18 X 8.5-8 (42" & 48" MOWERS)
5	061077	8	WHEEL NUT
6	705954	2	CS .500-13 X 1.25 HX G5 ZN
7	712976	2	FW .531 X 1.375 X .125 ZNY
8	784223	4	BEARING
9	784603	2	SPACER
10	781708	2	CS .500-13 X 4.25 HX G5
11	767962	4	FW .531 X 1.063 X .090 SAE
12	031997	2	PLASTIC WHEEL
13	053199	2	NT .500-13 HX JAM ZNYC

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### **NOTES:**

1. Torque to 88–102 N-m.

## **Front Wheel Breakdown**



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## **Front Wheel Breakdown**

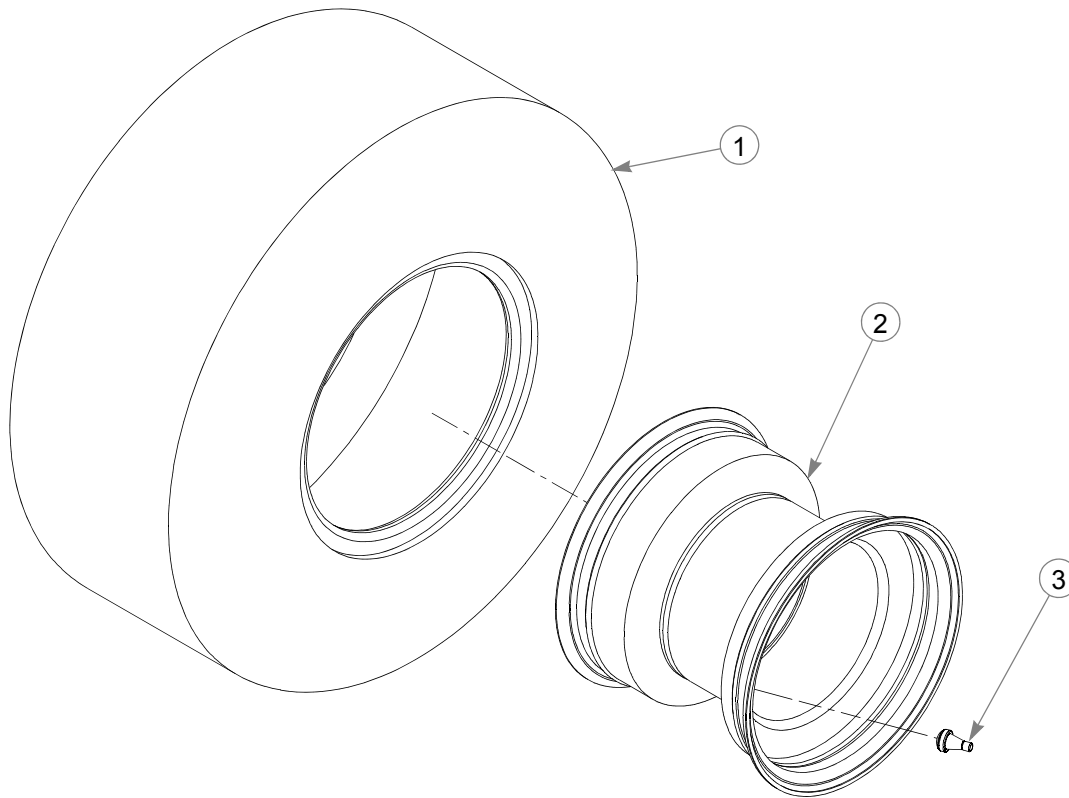
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781567	1	NT .500-13 HX G8 ZY NL
2	110116	1	CASTER FORK
3	042630	1	CS .500-13 X 6.50 HX G5 Z
4	306969	1	GAUGE WHEEL SPACER
5	768044	1	TIRE/WHEEL 11 X 4-5 RIBBED
6	772806	2	BEARING CAP
7	772814	1	3/4" ROLLER BEARING

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### **NOTES:**

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## **Drive Wheel Breakdown**



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INDEX NO.	PART NO.	QTY	DESCRIPTION
1	601821	1	TIRE 18 X 8.5
2	601820	1	WHEEL 8 X 6.93
3	019521	1	VALVE STEM

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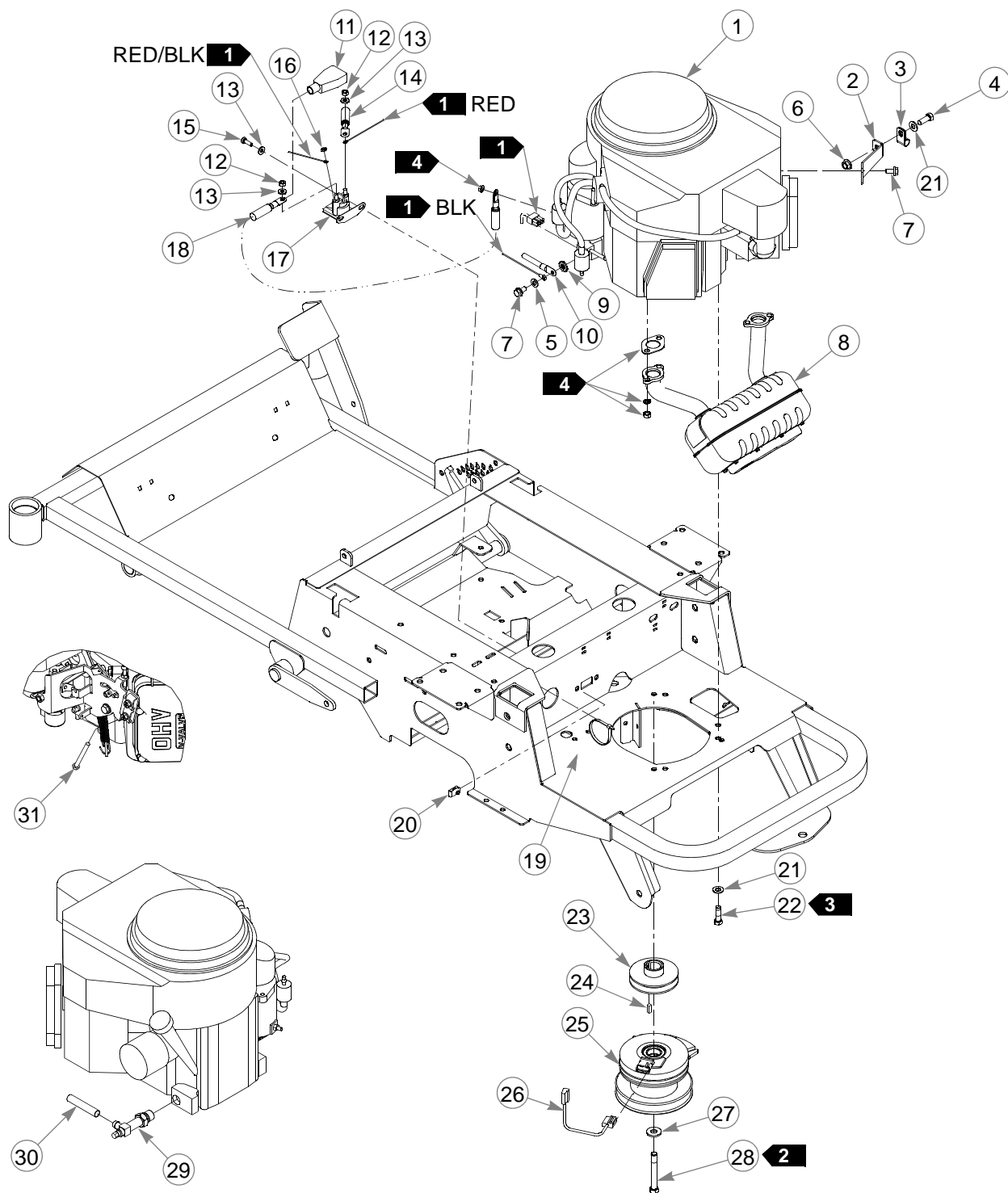
**NOTES:**

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Engine, Kohler SV715–S/N 12030001 & Higher . . . . .	5-22
Fuel System, Kohler SV715–S/N 12030001 & Higher . . . . .	5-26
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# **Engine, Kawasaki FR541V & FR600V-S/N 12030001 & Higher**



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## ***Engine, Kawasaki FR541V & FR600V–S/N 12030001 & Higher***

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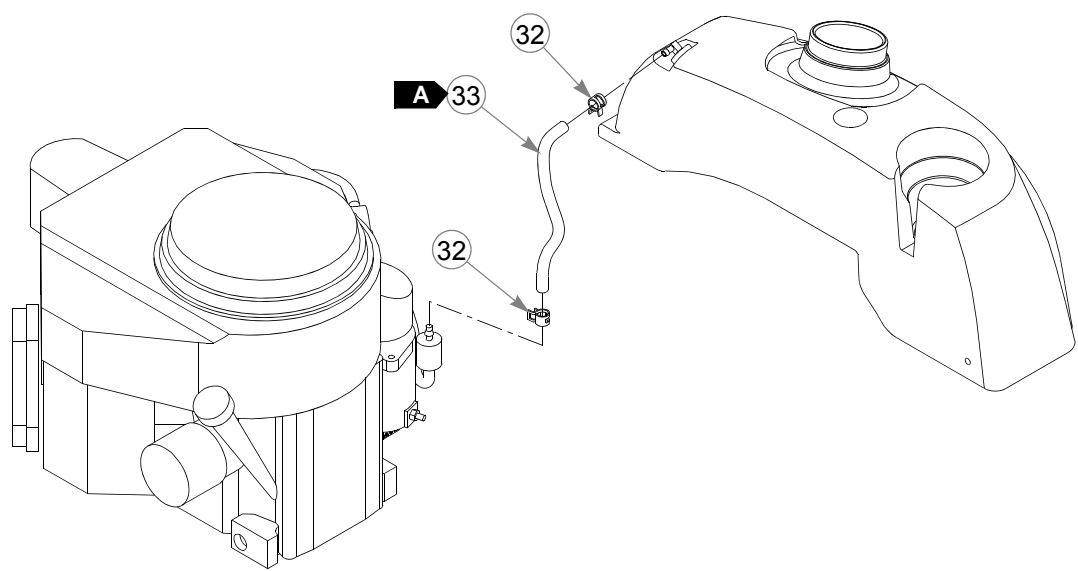
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FR541V/FR600V ENGINE
2	113970	1	CABLE GUIDE
3	000398	1	LOOP CLAMP
4	036244	1	CS .375-16 X 1.00 HX G5
5	768523	1	FW .343 X .687 X .051/.080H
6	016899	1	NT .312-18 HX FLK ZNYC
7	720516	3	CS M8 X 1.25 X 16 HX G10.9
8	602999	1	MUFFLER
9	029876	1	LW .312 INT-EXT TOOTH
10	601841	1	NEGATIVE BATTERY CABLE
11	771428	1	RED BATTERY CABLE BOOT
12	024927	2	NT .250-20 HX G5 ZNYC
13	768515	4	FW .281 X .625 X .051/.080H
14	601062	1	POSITIVE BATTERY CABLE
15	055939	2	CS .250-20 X .75 HX G5
16	044255	1	NT #10-32 HX ZN
17	030817	1	STARTER SOLENOID
18	792762	1	POSITIVE BATTERY CABLE
19	000331	2	WIRE TIE
20	601982	2	CN .250-20 X .15 MAX THK
21	767954	5	FW .406 X .812 X .060 SAE
22	602580	4	CS .375-16 X 1.25 HXG5 P85
23	793760	1	ENGINE PULLEY
24	712372	1	KEY 1/4 SQ X 0.66 LG
25	601801K	1	CLUTCH KIT (WITH PIGTAIL)
26	791251	1	CLUTCH HARNESS PIGTAIL
27	602680	1	FW .453 X 1.12 X .119 HRD
28	601834	1	CS .437-20 X 3.25 HXG5P85
29	796524	1	OIL DRAIN VALVE
30	604463	8 cm	OIL DRAIN HOSE
31	603524	1	CS M5-0.8 X 50 MM DIN 933 (FUL TD)

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### **NOTES:**

1. Part of the wire harness.
2. Torque bolt to 61–65 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
3. Torque bolt to 41–47 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
4. Supplied with engine.

**Fuel System, Kawasaki FR541V & FR600V–S/N 12030001 & Higher**



INDEX NO.	PART NO.	QTY.	DESCRIPTION
32	000323	2	HOSE CLAMP
33	015818	13 cm	1/4" FUEL LINE

**NOTES:**

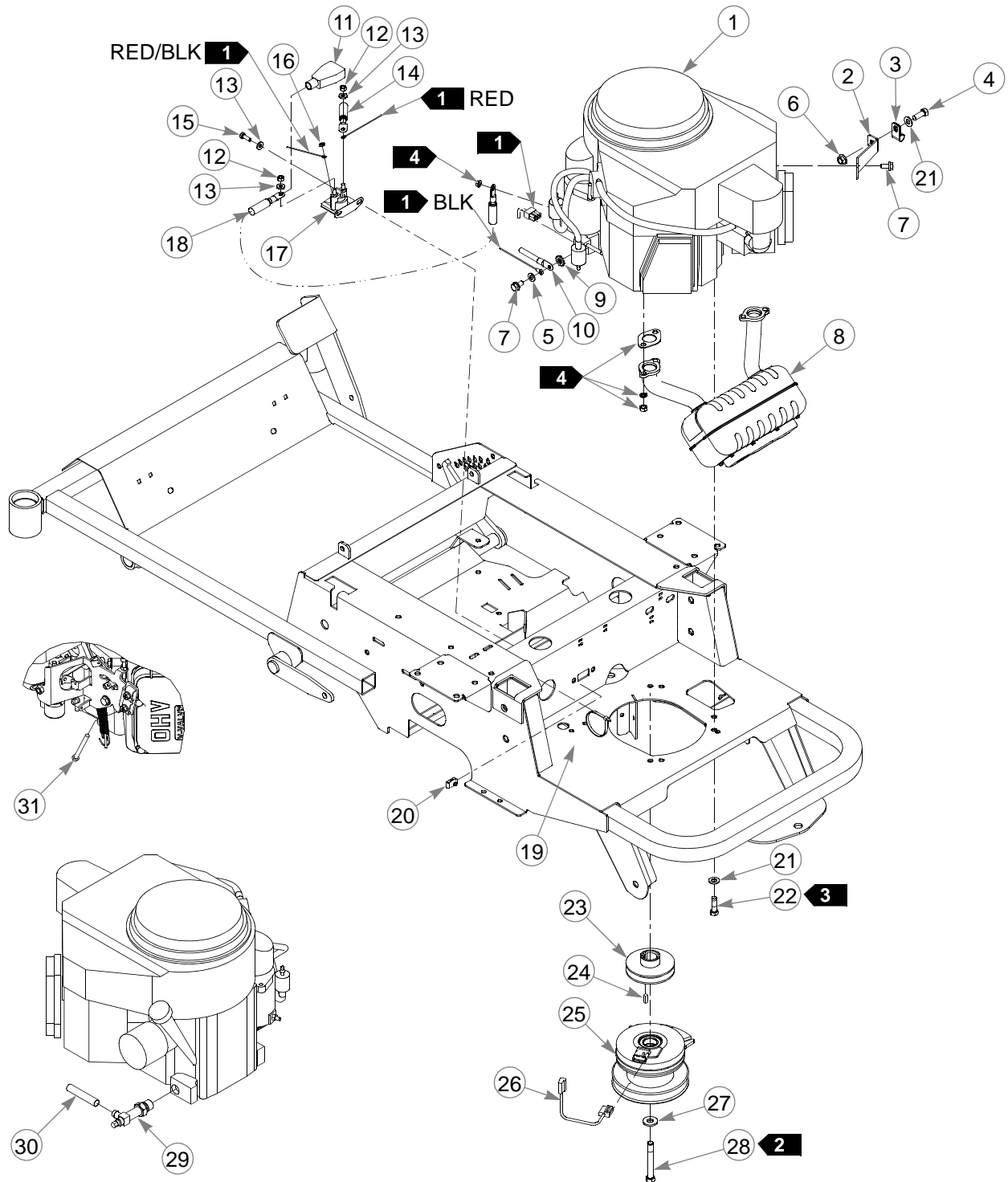
FUEL & VAPOR LINE LENGTHS		
<b>A</b>	13 cm	TANK TO FUEL FILTER (FUEL)



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# **Engine, Kawasaki FR541V & FR600V–S/N Prior to 12030001**



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## **Engine, Kawasaki FR541V & FR600V–S/N Prior to 12030001**

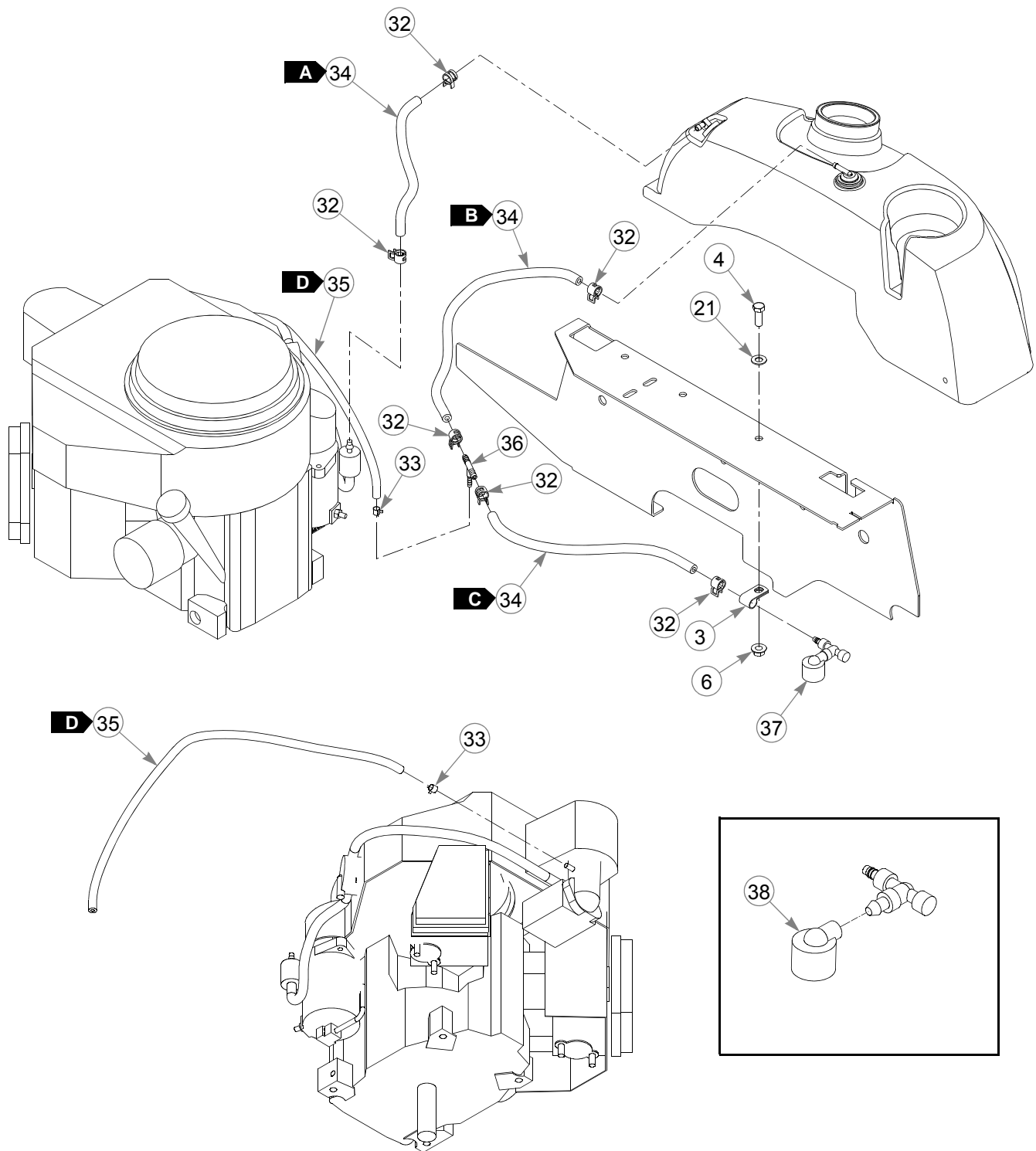
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FR541V/FR600V ENGINE
2	113970	1	CABLE GUIDE
3	000398	2	LOOP CLAMP
4	036244	2	CS .375-16 X 1.00 HX G5
5	768523	1	FW .343 X .687 X .051/.080H
6	016899	2	NT .312-18 HX FLK ZNYC
7	720516	3	CS M8 X 1.25 X 16 HX G10.9
8	602999	1	MUFFLER
9	029876	1	LW .312 INT-EXT TOOTH
10	601841	1	NEGATIVE BATTERY CABLE
11	771428	1	RED BATTERY CABLE BOOT
12	024927	2	NT .250-20 HX G5 ZNYC
13	768515	4	FW .281 X .625 X .051/.080H
14	601062	1	POSITIVE BATTERY CABLE
15	055939	2	CS .250-20 X .75 HX G5
16	044255	1	NT #10-32 HX ZN
17	030817	1	STARTER SOLENOID
18	792762	1	POSITIVE BATTERY CABLE
19	000331	3	WIRE TIE
20	601982	2	CN .250-20 X .15 MAX THK
21	767954	6	FW .406 X .812 X .060 SAE
22	602580	4	CS .375-16 X 1.25 HX G5 P85
23	793760	1	ENGINE PULLEY
24	712372	1	KEY 1/4 SQ X 0.66 LG
25	601801K	1	CLUTCH KIT (WITH PIGTAIL)
26	791251	1	CLUTCH HARNESS PIGTAIL
27	602680	1	FW .453 X 1.12 X .119 HRD
28	601834	1	CS .437-20 X 3.25 HX G5 P85
29	796524	1	OIL DRAIN VALVE
30	787713	8 cm	HOSE, 0.50" LOW PRESSURE
31	603524	1	CS M5-0.8 X 50 MM DIN 933 (FUL TD)

---

### **NOTES:**

1. Part of the wire harness.
2. Torque bolt to 61–65 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
3. Torque bolt to 41–47 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
4. Supplied with engine.

# **Fuel System, Kawasaki FR541V & FR600V–S/N Prior to 12030001**



---

## **Fuel System, Kawasaki FR541V & FR600V–S/N Prior to 12030001**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
32	000323	2	HOSE CLAMP
33	603112	2	CLAMP, 3/16"
34	015818	13 cm	1/4" FUEL LINE
35	603326	61 cm	3/16" VAPOR LINE
36	603025	1	PLASTIC TEE 1/4" X 1/4" X 3/16"
37	603283	1	VACUUM BREAKER
38	603161	1	VACUUM BREAKER FILTER

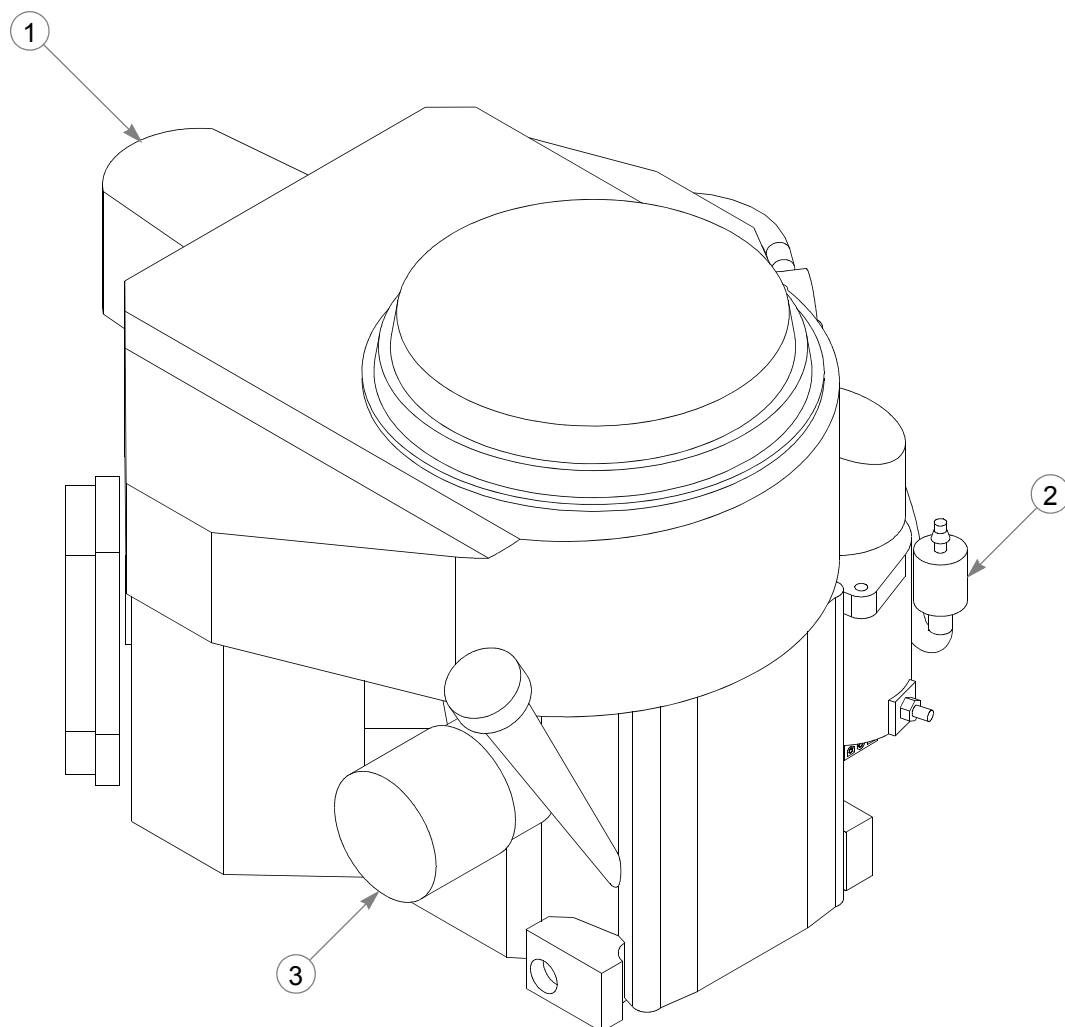
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### **NOTES:**

<b>FUEL &amp; VAPOR LINE LENGTHS</b>		
<b>A</b>	13 cm	TANK TO FUEL FILTER (FUEL)
<b>B</b>	56 cm	TANK TO TEE (VAPOR)
<b>C</b>	33 cm	TEE TO VACUUM BREAKER (VAPOR)
<b>D</b>	61 cm	TEE TO ENGINE PURGE PORT (VAPOR)

---

## **Engine Service Parts, Kawasaki FR541V & FR600V**



---

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604240	1	AIR FILTER
2	068478	1	IN-LINE FUEL FILTER
3	602581	1	ENGINE OIL FILTER

---

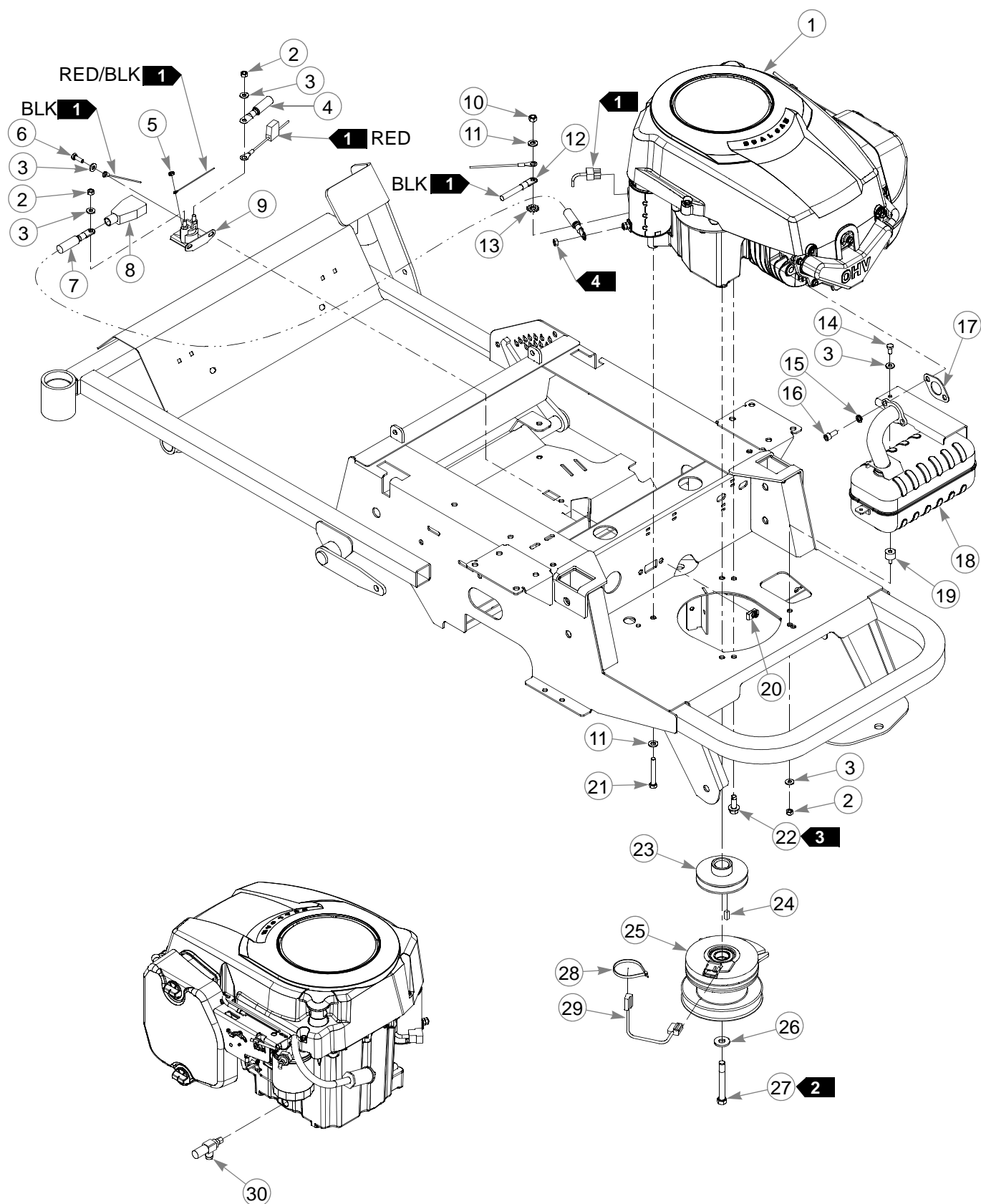
### **NOTES:**

1. Service engine with Champion XC12YC or equivalent spark plug.

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## **Engine, Kohler SV590-S/N 12030001 & Higher**





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## **Engine, Kohler SV590–S/N 12030001 & Higher**

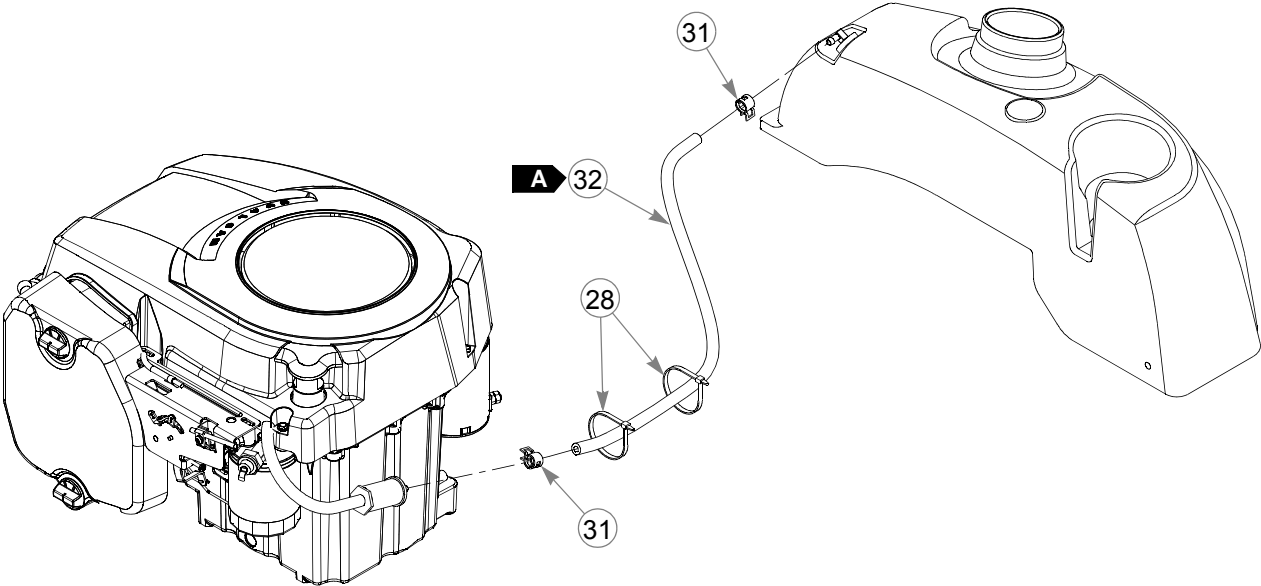
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KOHLER SV590 ENGINE
2	024927	3	NT .250-20 HX G5 ZNYC
3	768515	6	FW .281 X .625 X .051/.080H
4	601062	1	POSITIVE BATTERY CABLE
5	044255	1	NT #10-32 HX ZN
6	055939	2	CS .250-20 X .75 HX G5
7	601840	1	POSITIVE BATTERY CABLE
8	771428	1	RED BATTERY CABLE BOOT
9	030817	1	STARTER SOLENOID
10	058776	1	NT .312-18 HX ZY NL
11	768523	2	FW .343 X .687 X .051/.080H
12	601841	1	NEGATIVE BATTERY CABLE
13	029876	1	LW .312 INT-EXT TOOTH
14	055947	1	CS .250-20 X .50 HX G5
15	017004	2	LW .312 MED SPRING ZNYC
16	704478	2	CS .312-18 X .75 SKTHD
17	785543	1	MUFFLER GASKET
18	602325	1	MUFFLER
19	602380	1	ENGINE MUFFLER ISOLATOR
20	601982	2	CN .250-20 X .15 MAX THK
21	038828	1	CS .312-18 X 2.25 HX G5
22	792788	3	SC .375-16 X 1.0 HX FL STP
23	793760	1	ENGINE PULLEY
24	712372	1	KEY 1/4 SQ X 0.66 LG
25	601801K	1	CLUTCH KIT (WITH PIGTAIL)
26	602680	1	FW .453 X 1.12 X .119 HRD
27	601834	1	CS .437-20 X 3.25 HX G5 P85
28	000331	3	WIRE TIE
29	791251	1	CLUTCH HARNESS PIGTAIL
30	796516	1	3/8-18 OIL DRAIN VALVE

---

### **NOTES:**

1. Part of the wire harness.
2. Torque to 61–65 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
3. Torque to 41–47 N-m.
4. Supplied with engine.

**Fuel System, Kohler SV590–S/N 12030001 & Higher**



INDEX NO.	PART NO.	QTY.	DESCRIPTION
31	000323	6	HOSE CLAMP
32	015818	30.5 cm	1/4" FUEL LINE

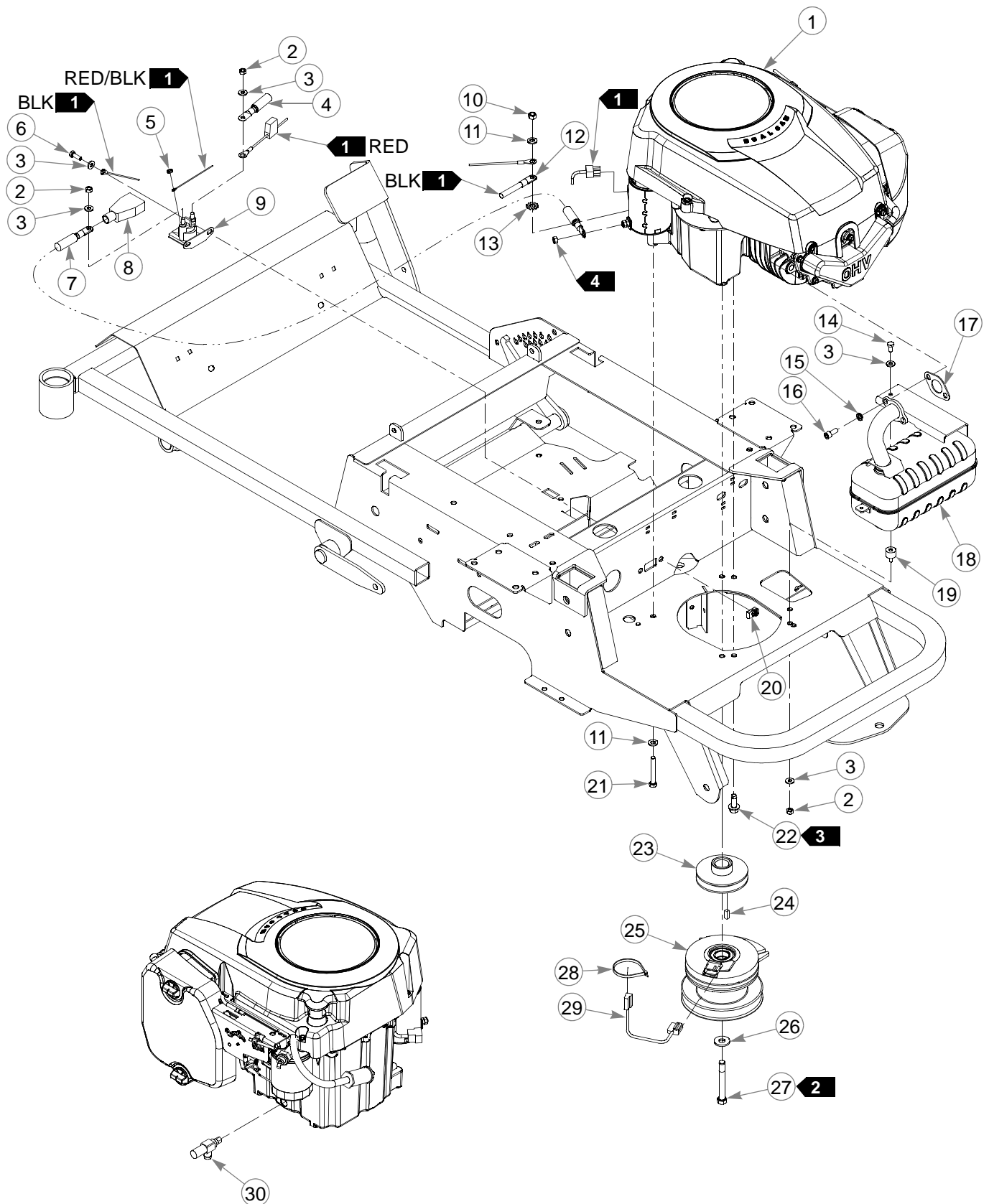
**NOTES:**

FUEL & VAPOR LINE LENGTHS		
<b>A</b>	30.5 cm	TANK TO ENGINE (FUEL)

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## **Engine, Kohler SV590-S/N Prior to 12030001**



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## **Engine, Kohler SV590–S/N Prior to 12030001**

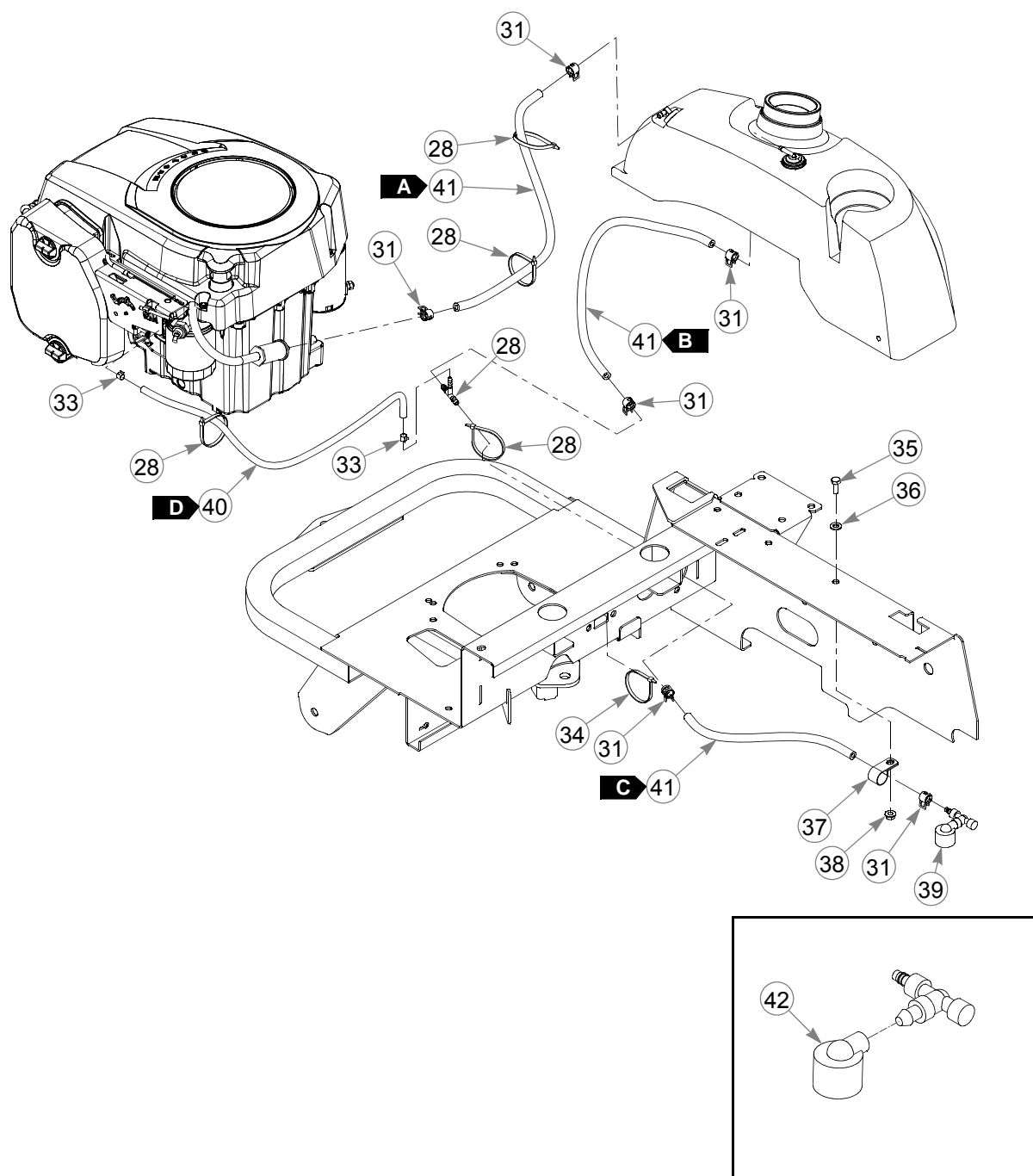
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KOHLER SV590 ENGINE
2	024927	3	NT .250-20 HX G5 ZNYC
3	768515	6	FW .281 X .625 X .051/.080H
4	601062	1	POSITIVE BATTERY CABLE
5	044255	1	NT #10-32 HX ZN
6	055939	2	CS .250-20 X .75 HX G5
7	601840	1	POSITIVE BATTERY CABLE
8	771428	1	RED BATTERY CABLE BOOT
9	030817	1	STARTER SOLENOID
10	058776	1	NT .312-18 HX ZY NL
11	768523	2	FW .343 X .687 X .051/.080H
12	601841	1	NEGATIVE BATTERY CABLE
13	029876	1	LW .312 INT-EXT TOOTH
14	055947	1	CS .250-20 X .50 HX G5
15	017004	2	LW .312 MED SPRING ZNYC
16	704478	2	CS .312-18 X .75 SKTHD
17	785543	1	MUFFLER GASKET
18	602325	1	MUFFLER
19	602380	1	ENGINE MUFFLER ISOLATOR
20	601982	2	CN .250-20 X .15 MAX THK
21	038828	1	CS .312-18 X 2.25 HX G5
22	792788	3	SC .375-16 X 1.0 HX FL STP
23	793760	1	ENGINE PULLEY
24	712372	1	KEY 1/4 SQ X 0.66 LG
25	601801K	1	CLUTCH KIT (WITH PIGTAIL)
26	602680	1	FW .453 X 1.12 X .119 HRD
27	601834	1	CS .437-20 X 3.25 HX G5 P85
28	000331	5	WIRE TIE
29	791251	1	CLUTCH HARNESS PIGTAIL
30	796516	1	3/8-18 OIL DRAIN VALVE

---

### **NOTES:**

1. Part of the wire harness.
2. Torque to 61–65 N-m. Replace (do not reuse) capscrew if removed or loosened. Use only hand tools to install this fastener.
3. Torque to 41–47 N-m.
4. Supplied with engine.

## **Fuel System, Kohler SV590–S/N Prior to 12030001**



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## **Fuel System, Kohler SV590–S/N Prior to 12030001**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
31	000323	6	HOSE CLAMP
32	603025	1	PLASTIC TEE 1/4" X 1/4" X 3/16"
33	603112	2	CLAMP, 3/16"
34	000430	1	WIRE TIE
35	036244	1	CS .375-16 X 1.00 HX G5
36	767954	1	FW .406 X .812 X .060 SAE
37	043570	1	LOOP CLAMP
38	016899	1	NT .375-16 HX FLK ZNYC
39	603283	1	VACUUM BREAKER
40	603326	69 cm	3/16" VAPOR LINE
41	015818	119 cm	1/4" FUEL LINE
42	603161	1	VACUUM BREAKER FILTER

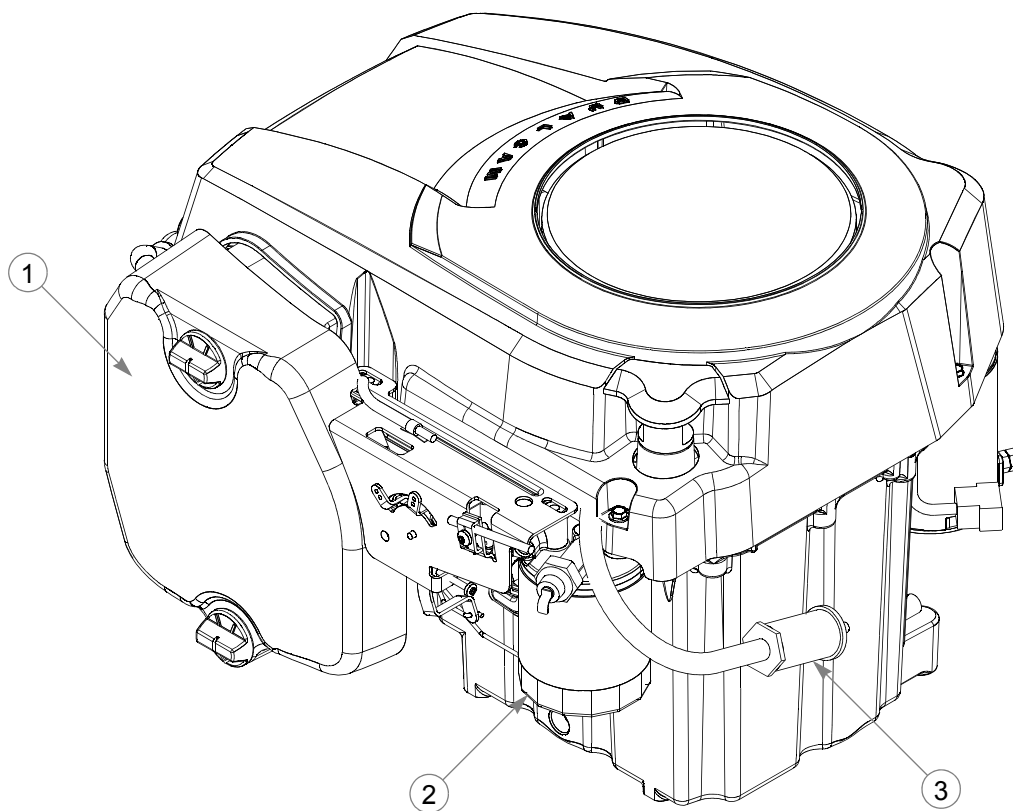
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### **NOTES:**

<b>FUEL &amp; VAPOR LINE LENGTHS</b>		
<b>A</b>	31 cm	TANK TO ENGINE (FUEL)
<b>B</b>	56 cm	TANK TO TEE (VAPOR)
<b>C</b>	33 cm	TEE TO VACUUM BREAKER (VAPOR)
<b>D</b>	69 cm	ENGINE TO TEE (VAPOR)

---

## **Engine Service Parts, Kohler SV590**



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INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	794370	1	AIR FILTER ELEMENT
2	602588	1	OIL FILTER
3	068478	1	IN-LINE FUEL FILTER

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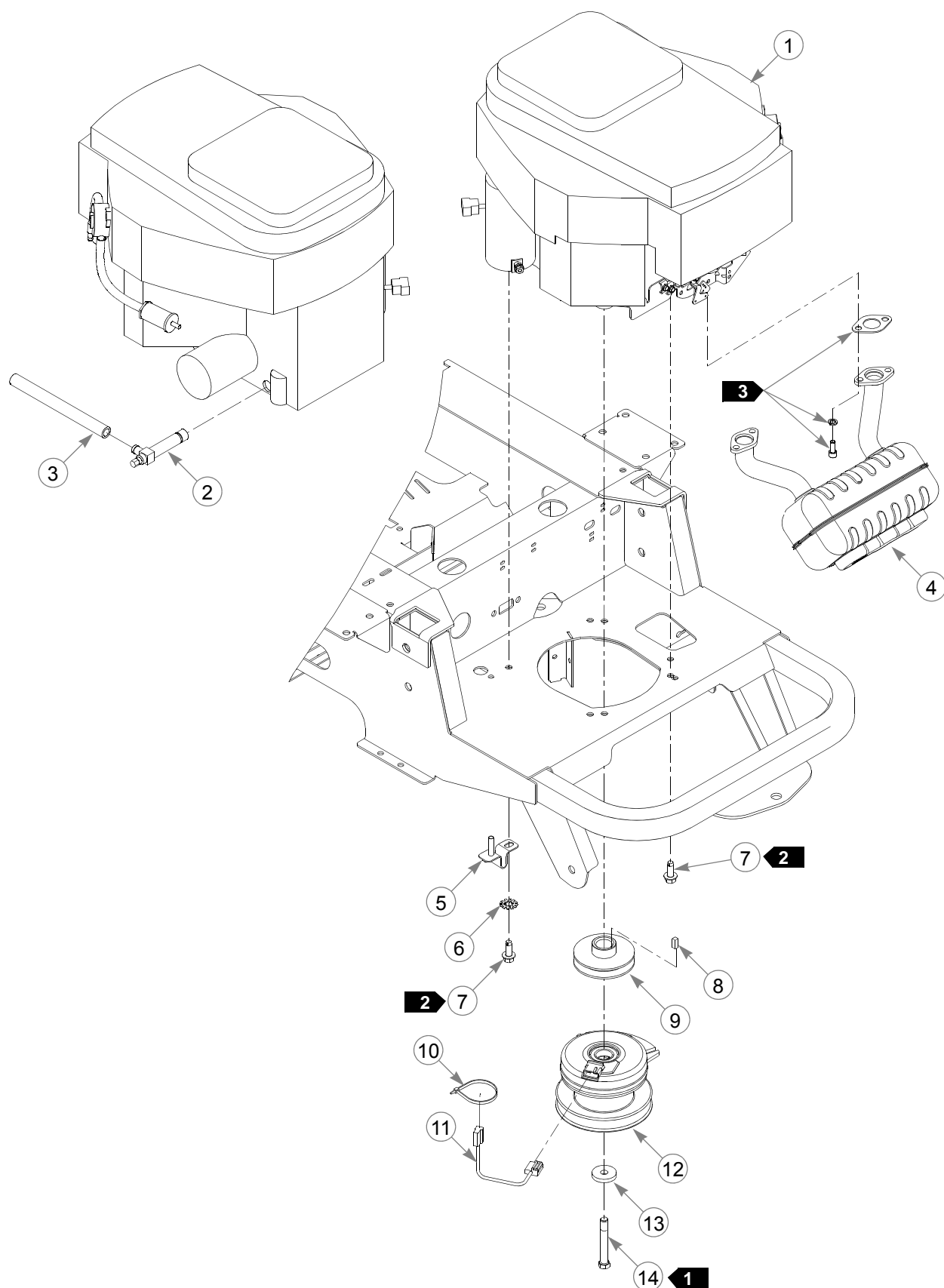
### **NOTES:**



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## **Engine, Kohler SV715-S/N 12030001 & Higher**



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## **Engine, Kohler SV715–S/N 12030001 & Higher**

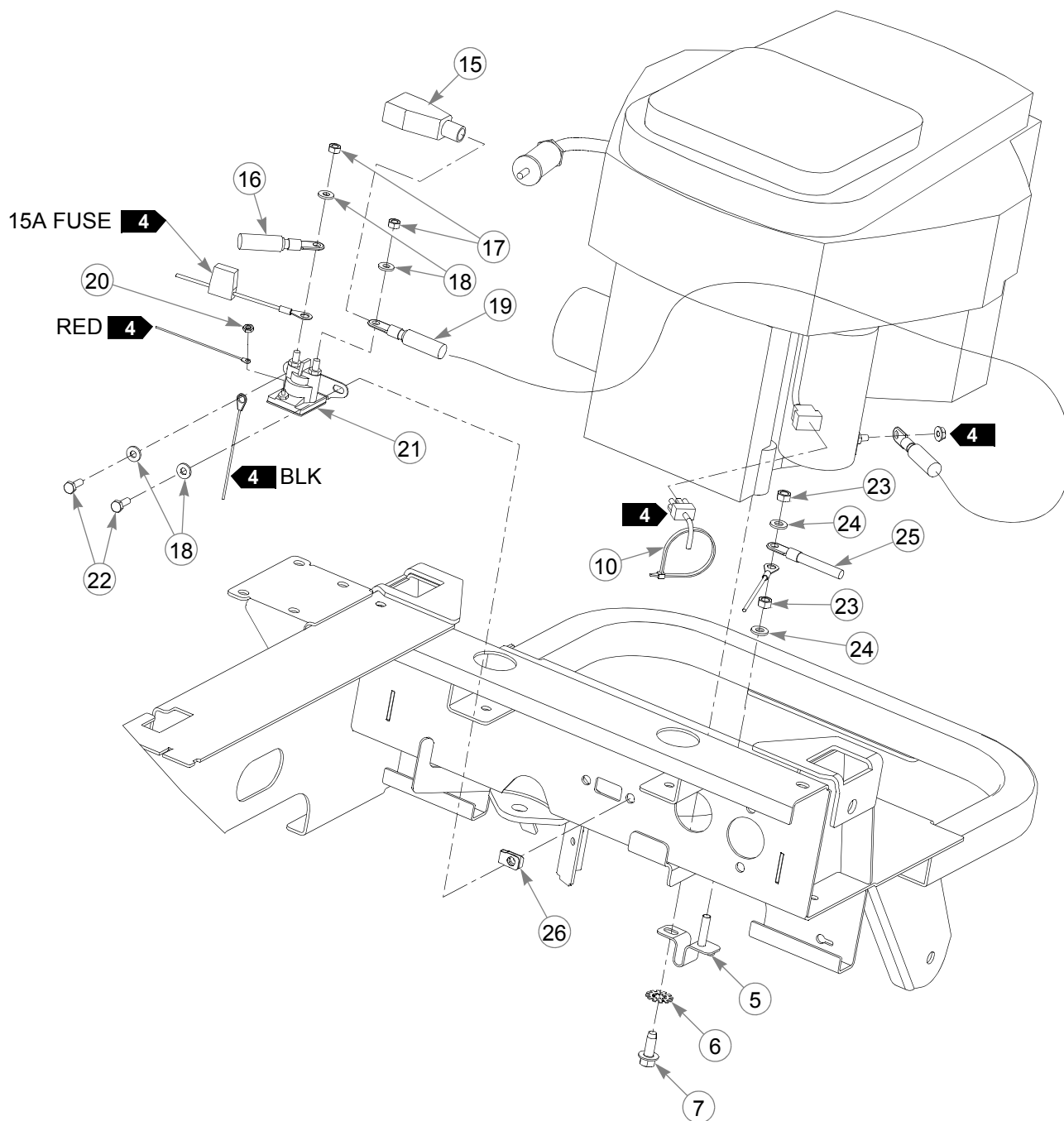
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KOHLER SV715 ENGINE
2	796672	1	OIL DRAIN VALVE 3/8-18
3	604463	8 cm	OIL DRAIN HOSE
4	602320	1	MUFFLER
5	112411	1	GROUND STRAP
6	793885	1	LW .375 INT-EXT TOOTH
7	792788	4	SC .375-16 X 1.0 HX FL STP
8	712372	1	KEY 1/4 SQ X 0.66 LG
9	793760	1	ENGINE PULLEY
10	000331	3	WIRE TIE
11	791251	1	CLUTCH HARNESS PIGTAIL
12	601801K	1	CLUTCH KIT (WITH PIGTAIL)
13	602680	1	FW .453 X 1.12 X .119 HRD
14	601834	1	CS .437-20 X 3.25 HX G5 P85

---

### **NOTES:**

1. Torque the bolt to 61–65 N-m. Replace (do not reuse) the capscrew if removed or loosened. Use only hand tools to install this fastener.
2. Torque to 41 N-m.
3. Supplied with engine.

## **Engine, Kohler SV715-S/N 12030001 & Higher**



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## **Engine, Kohler SV715–S/N 12030001 & Higher**

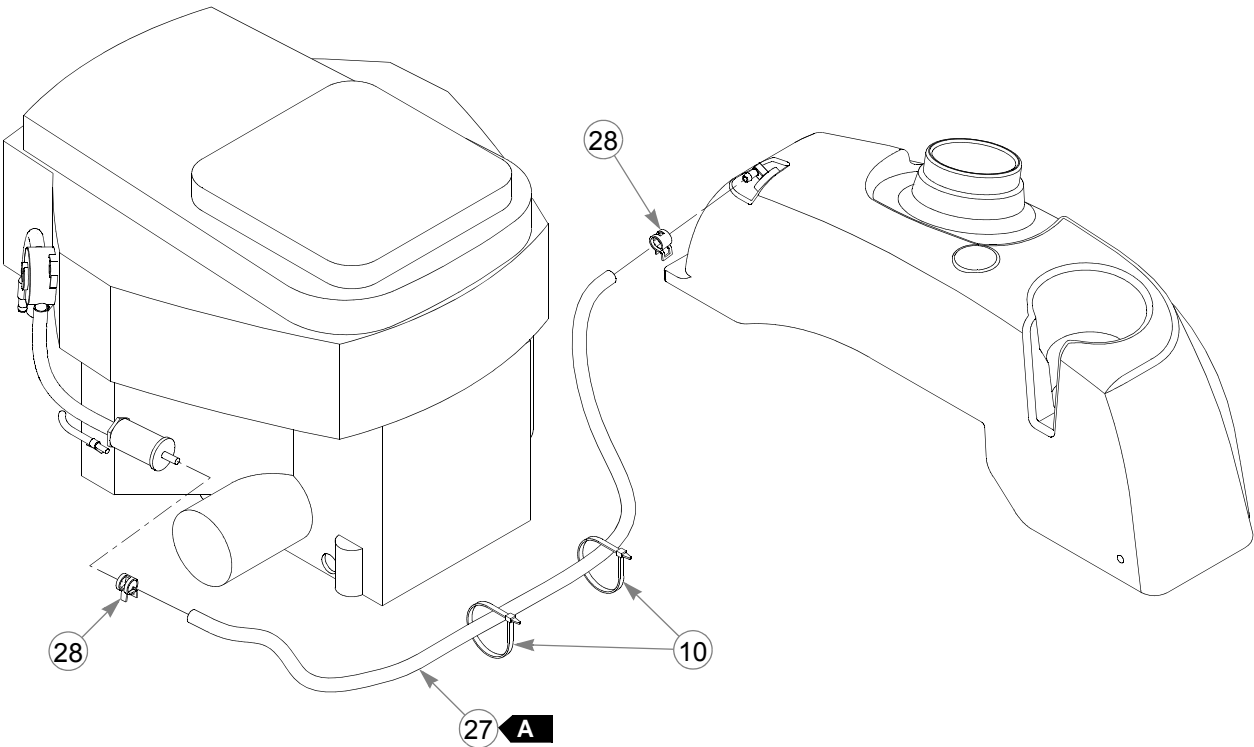
INDEX NO.	PART NO.	QTY.	DESCRIPTION
15	771428	1	RED BATTERY CABLE BOOT
16	601062	1	POSITIVE BATTERY CABLE
17	024927	2	NT .250-20 HX G5 ZNYC
18	768515	4	FW .281 X .625 X .051/.080H
19	601840	1	POSITIVE BATTERY CABLE
20	044255	1	NT #10-32 HX ZN
21	030817	1	STARTER SOLENOID
22	055939	2	CS .250-20 X .75 HX G5
23	034272	2	NT .312-18 HX G5 ZNYC
24	768523	2	FW .343 X .687 X .051/.080H
25	601841	1	NEGATIVE BATTERY CABLE
26	601982	2	CN .250-20 X .15 MAX THK

---

### **NOTES:**

4. Part of the wire harness.

**Fuel System, Kohler SV715–S/N 12030001 & Higher**



INDEX NO.	PART NO.	QTY.	DESCRIPTION
27	015818	79 cm	1/4" FUEL LINE
28	000323	2	HOSE CLAMP

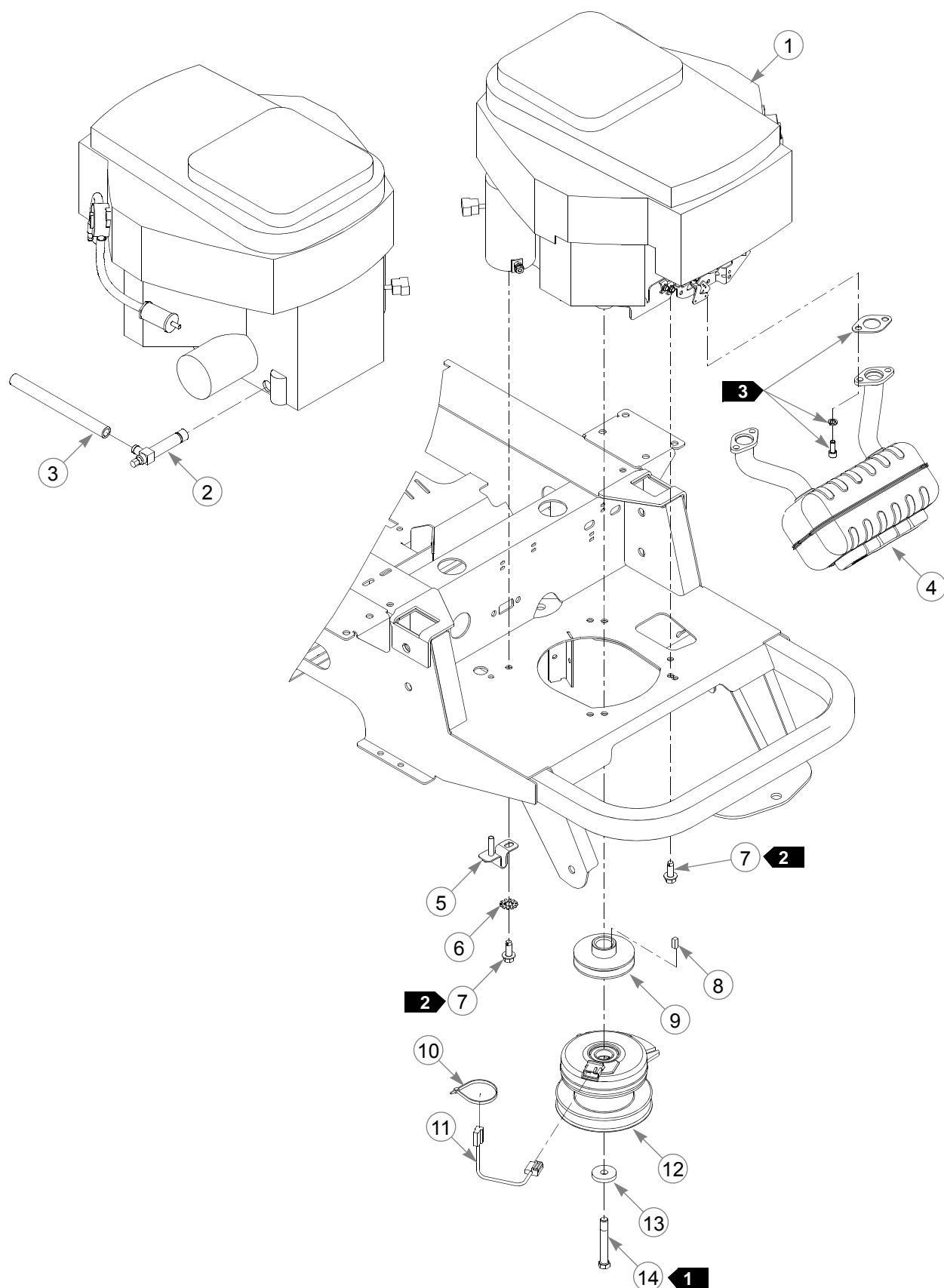
**NOTES:**

LINE LENGTHS		
<b>A</b>	79 cm	TANK TO ENGINE (FUEL)

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## **Engine, Kohler SV715–S/N Prior to 12030001**





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## **Engine, Kohler SV715–S/N Prior to 12030001**

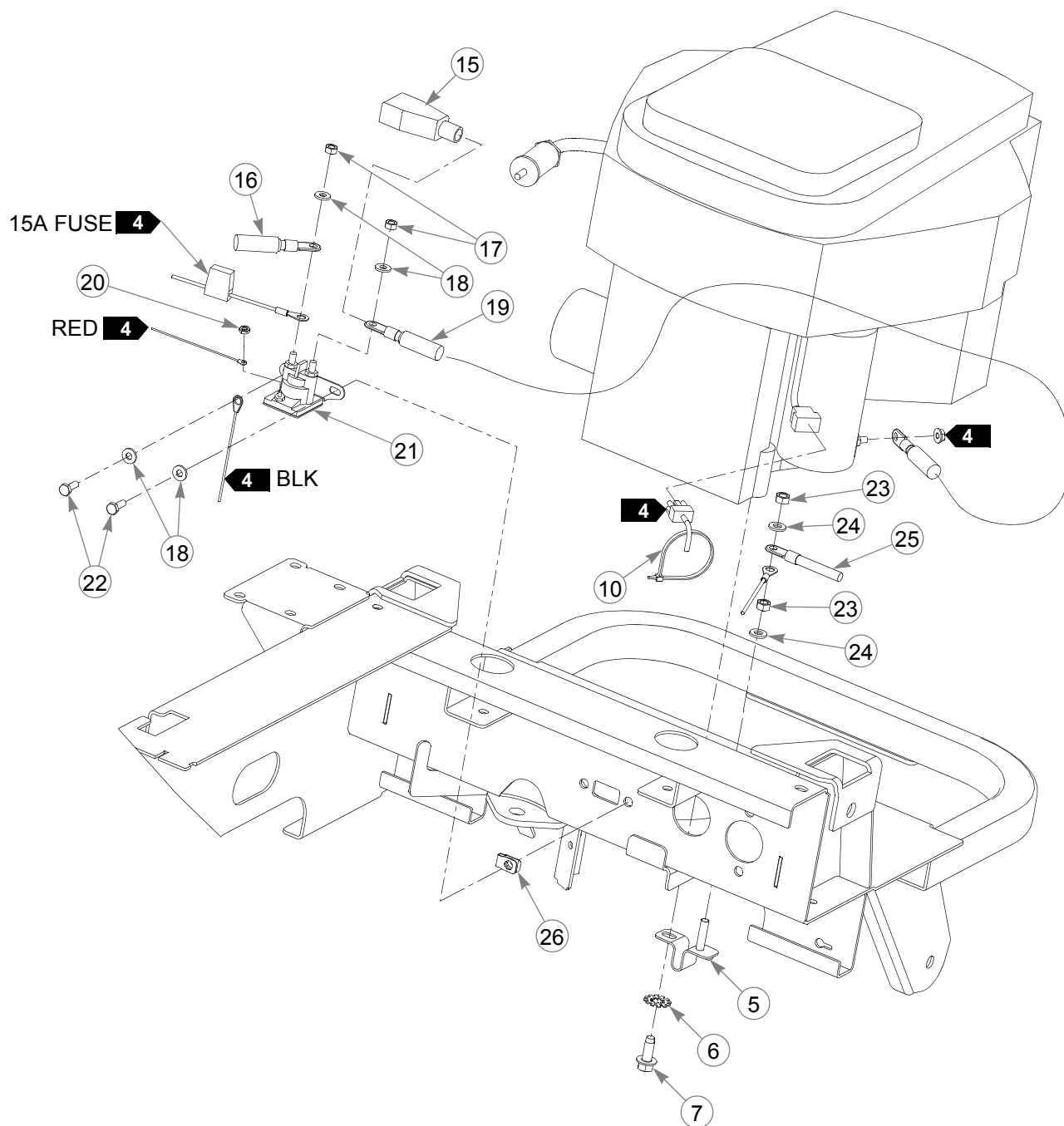
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KOHLER SV715 ENGINE
2	796672	1	OIL DRAIN VALVE 3/8-18
3	104786	1	OIL DRAIN HOSE
4	602320	1	MUFFLER
5	112411	1	GROUND STRAP
6	793885	1	LW .375 INT-EXT TOOTH
7	792788	4	SC .375-16 X 1.0 HX FL STP
8	712372	1	KEY 1/4 SQ X 0.66 LG
9	793760	1	ENGINE PULLEY
10	000331	3	WIRE TIE
11	791251	1	CLUTCH HARNESS PIGTAIL
12	601801K	1	CLUTCH KIT (WITH PIGTAIL)
13	602680	1	FW .453 X 1.12 X .119 HRD
14	601834	1	CS .437-20 X 3.25 HX G5 P85

---

### **NOTES:**

1. Torque the bolt to 61–65 N-m. Replace (do not reuse) the capscrew if removed or loosened. Use only hand tools to install this fastener.
2. Torque to 41 N-m.
3. Supplied with engine.

## **Engine, Kohler SV715-S/N Prior to 12030001**



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**Engine, Kohler SV715–S/N Prior to 12030001**

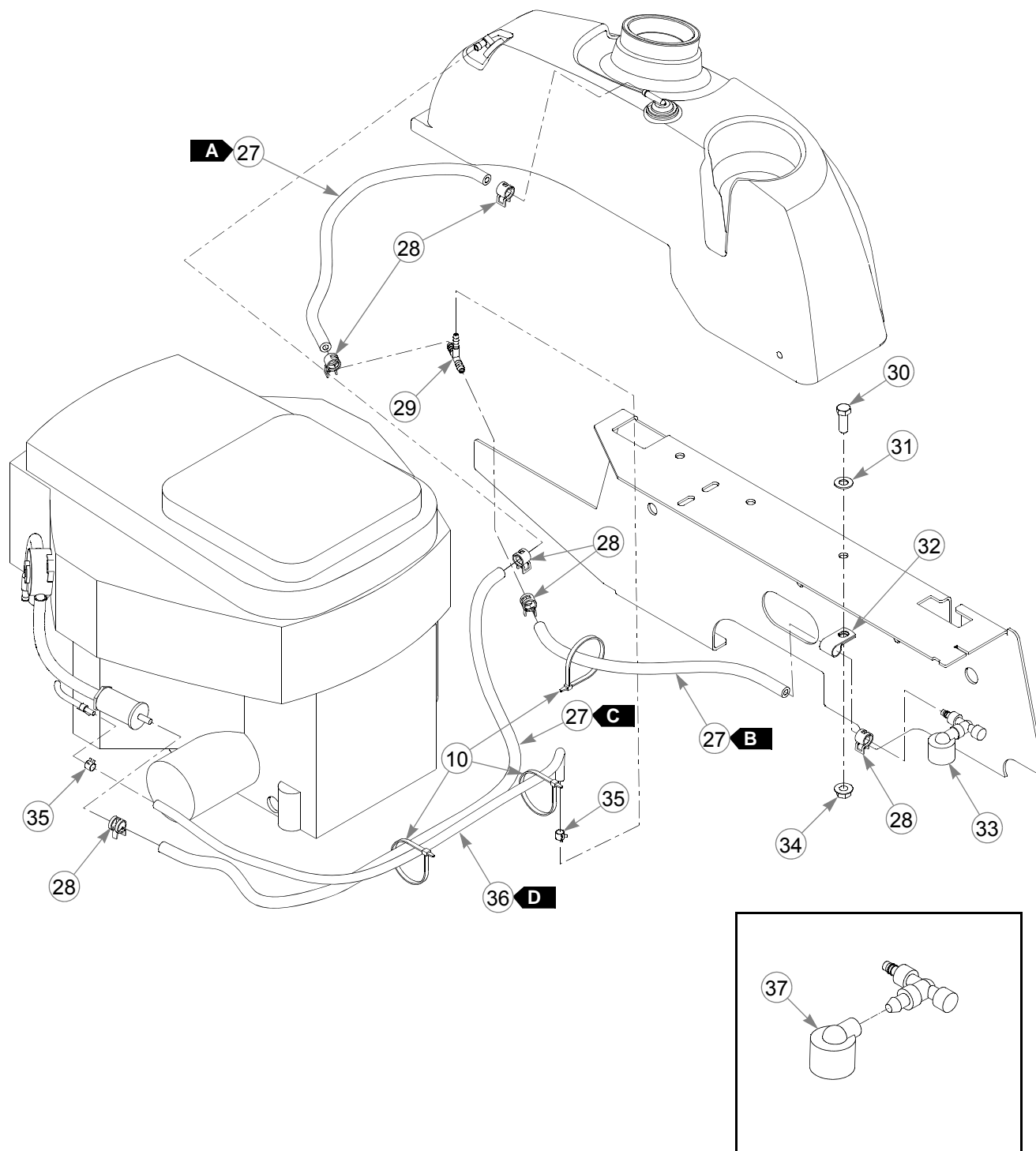
INDEX NO.	PART NO.	QTY.	DESCRIPTION
15	771428	1	RED BATTERY CABLE BOOT
16	601062	1	POSITIVE BATTERY CABLE
17	024927	2	NT .250-20 HX G5 ZNYC
18	768515	4	FW .281 X .625 X .051/.080H
19	601840	1	POSITIVE BATTERY CABLE
20	044255	1	NT #10-32 HX ZN
21	030817	1	STARTER SOLENOID
22	055939	2	CS .250-20 X .75 HX G5
23	034272	2	NT .312-18 HX G5 ZNYC
24	768523	2	FW .343 X .687 X .051/.080H
25	601841	1	NEGATIVE BATTERY CABLE
26	601982	2	CN .250-20 X .15 MAX THK

---

**NOTES:**

4. Part of the wire harness.

## **Fuel System, Kohler SV715–S/N Prior to 12030001**







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## **Fuel System, Kohler SV715–S/N Prior to 12030001**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
27	015818	168 cm	1/4" FUEL LINE
28	000323	2	HOSE CLAMP
29	603025	1	PLASTIC TEE 1/4" X 1/4" X 3/16"
30	036244	1	CS .375-16 X 1.00 HX G5
31	767954	1	FW .406 X .812 X .060 SAE
32	000398	1	LOOP CLAMP
33	603283	1	VACUUM BREAKER
34	016899	1	NT .375-16 HX FLK ZNYC
35	603112	2	CLAMP, 3/16"
36	603326	66 cm	3/16" VAPOR LINE
37	603161	1	VACUUM BREAKER FILTER

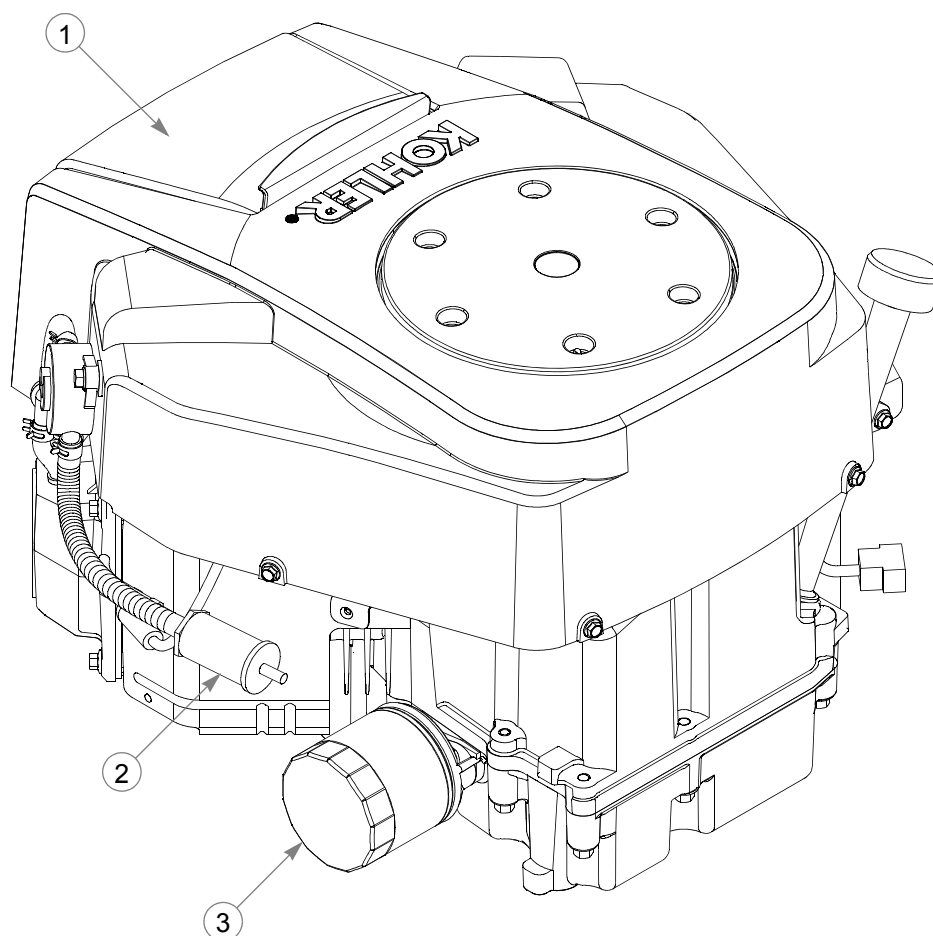
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### **NOTES:**

LINE LENGTHS		
	56 cm	TANK TO TEE (VAPOR)
	33 cm	TEE TO VACUUM BREAKER (VAPOR)
	79 cm	TANK TO ENGINE (FUEL)
	66 cm	TEE TO ENGINE (3/16" VAPOR)

---

## **Engine Service Parts, Kohler SV715**



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INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	602583	1	AIR FILTER
2	068478	1	IN-LINE FUEL FILTER
3	602588	1	OIL FILTER

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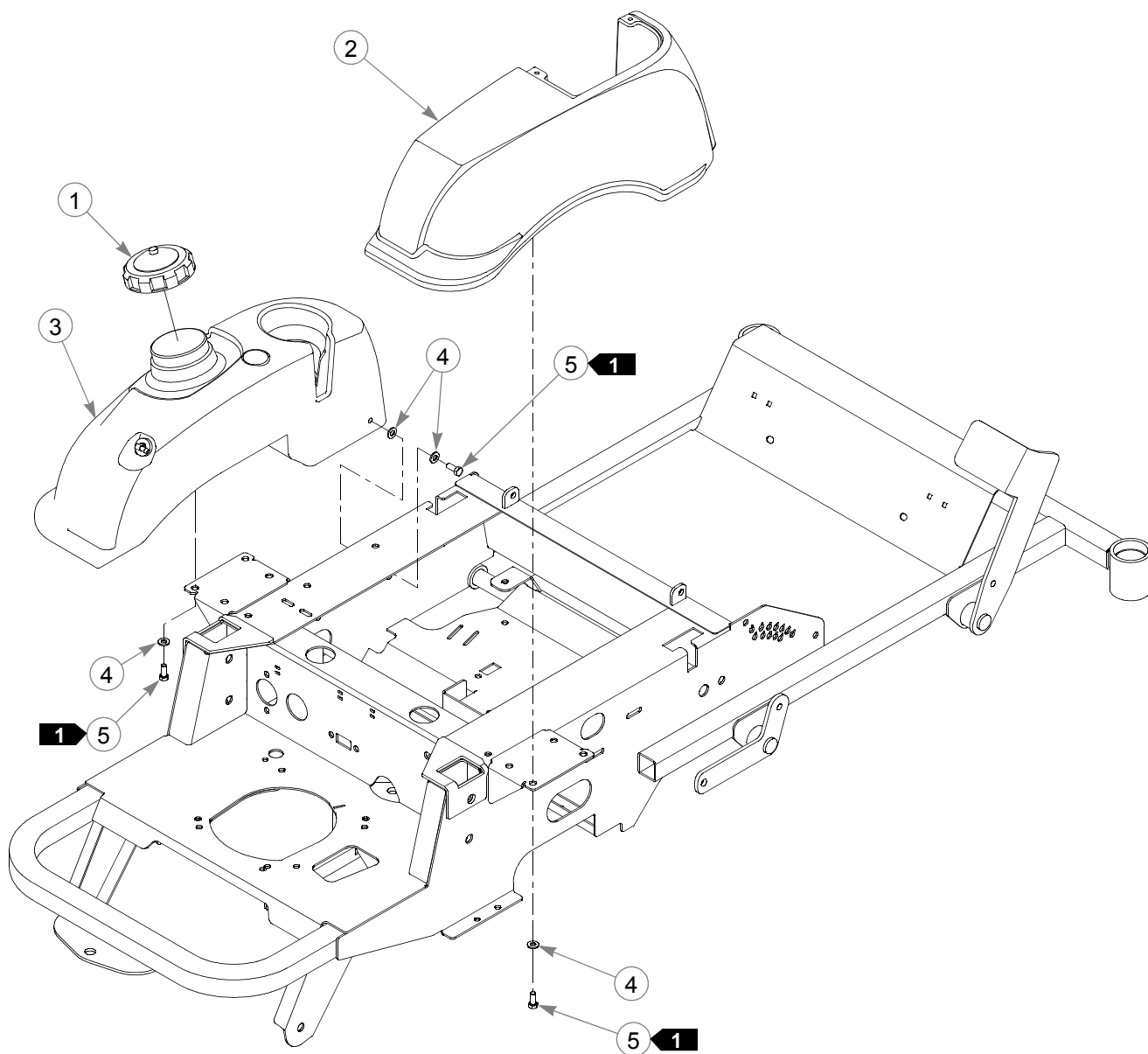
### **NOTES:**

1. Service engine with Champion XC12YC or equivalent spark plug.

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## **Fuel Tank & Fender–S/N 12030001 & Higher**





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## **Fuel Tank & Fender–S/N 12030001 & Higher**

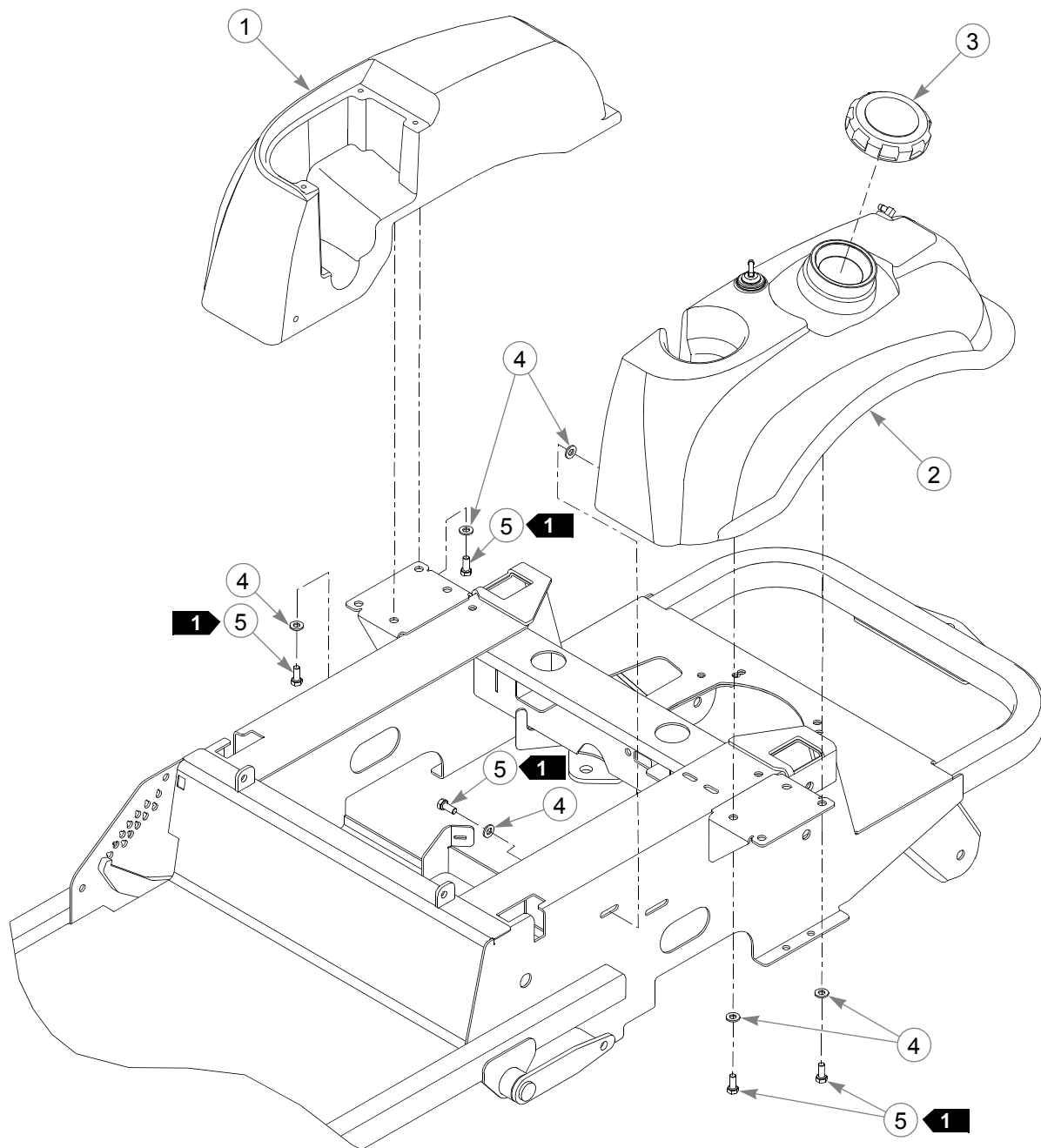
ITEM NO.	PART NO.	QTY	DESCRIPTION
1	779306	1	FUEL CAP, 3.5"
2	110080	1	RS FENDER
3	110081	1	LS TANK FENDER ASSEMBLY
4	768523	8	FW .343 X .687 X .051/.080H
5	034280	6	CS .312-18 X .75 HX G5

---

### **NOTES:**

1. Torque to 27 N-m.

## **Fuel Tank & Fender—S/N 11010000 to 12030001**



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## **Fuel Tank & Fender–S/N 11010000 to 12030001**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	110080	1	RS FENDER
2	603502	1	LS FUEL TANK FENDER ASSEMBLY
3	603807	1	RATCHETING GAS CAP, 3.5"
4	768523	8	FW .343 X .687 X .051/.080H
5	034280	6	CS .312-18 X .75 HX G5

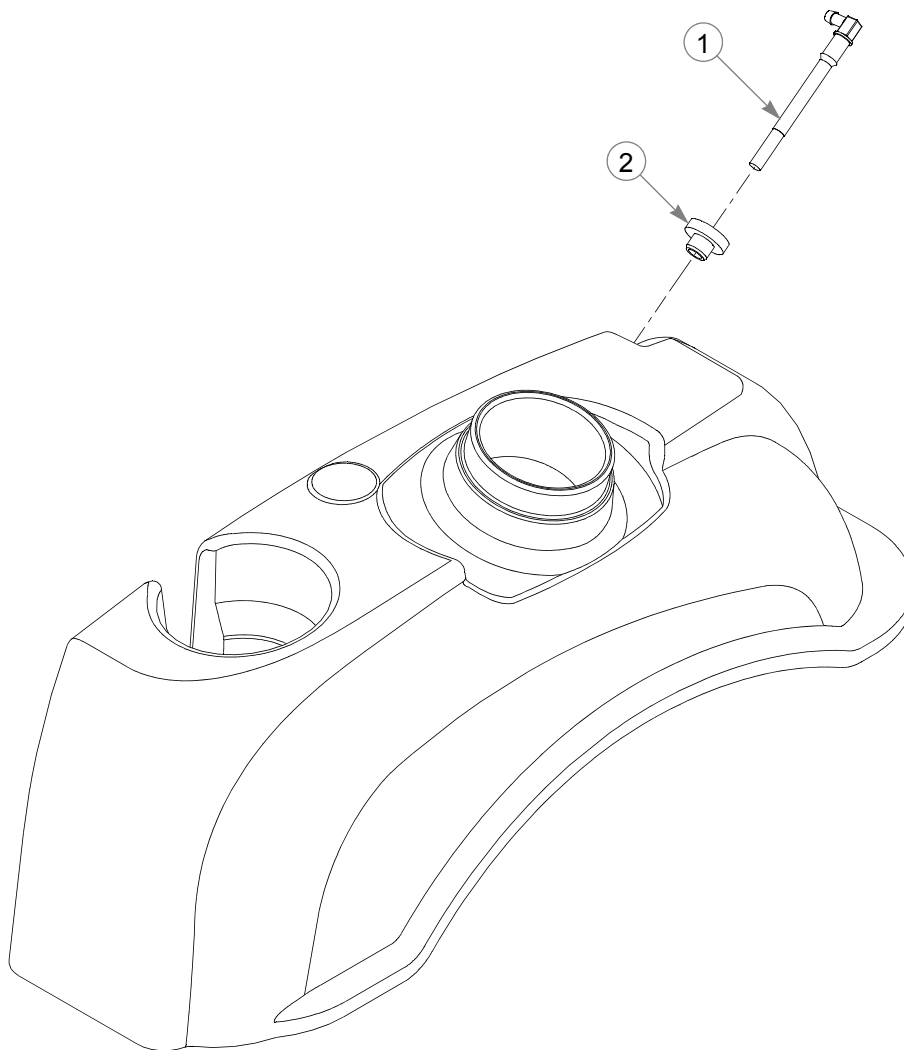
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### **NOTES:**

1. Torque to 9.5 N-m.

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## **Fuel Tank Service Parts–S/N 12030001 & Higher**



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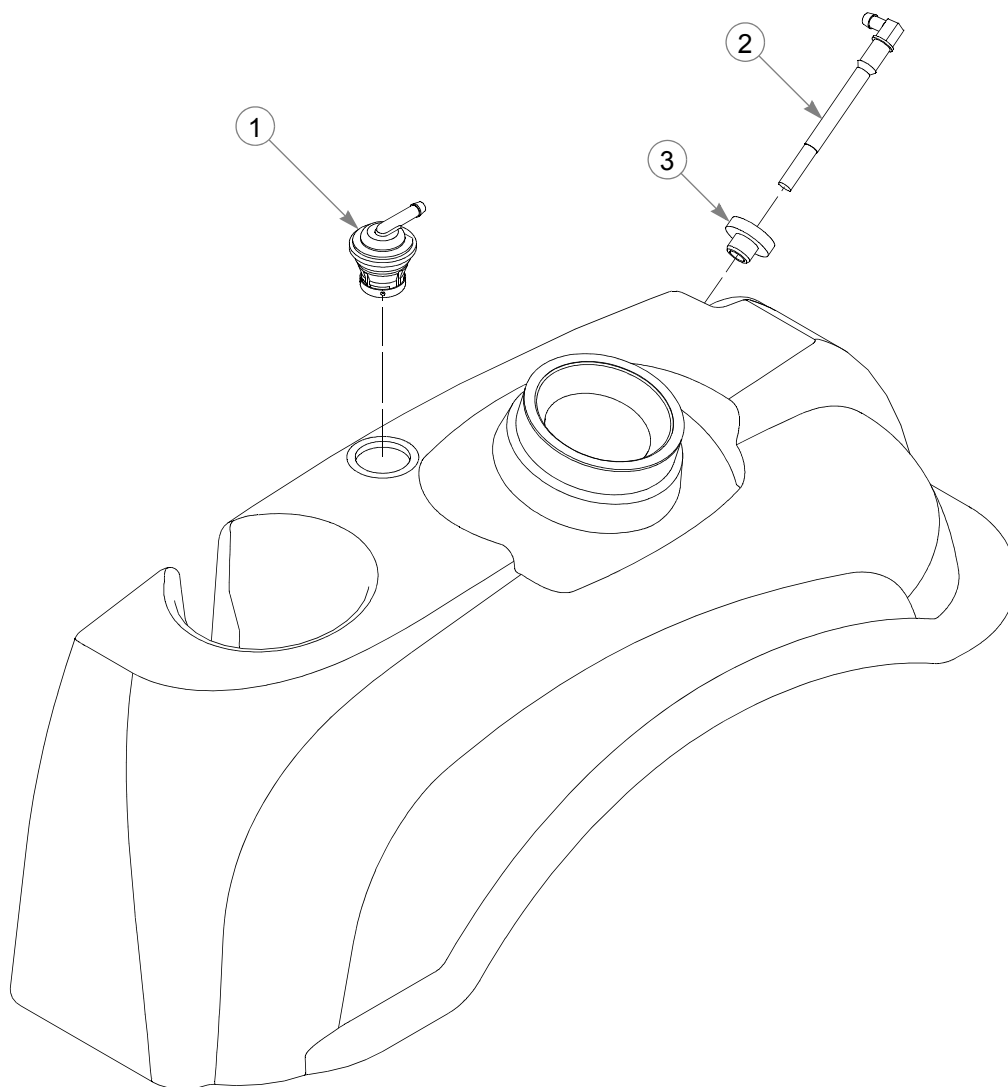
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	603896	1	SUCTION HOSE ASSY 20.5"
2	785295	1	SUCTION HOSE GROMMET

---

**NOTES:**

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## **Fuel Tank Service Parts–S/N 11010000 to 12030001**



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INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	117118	1	VENT FITTING KIT
2	603896	1	SUCTION HOSE ASSY 20.5"
3	785295	1	SUCTION HOSE GROMMET

---

### **NOTES:**

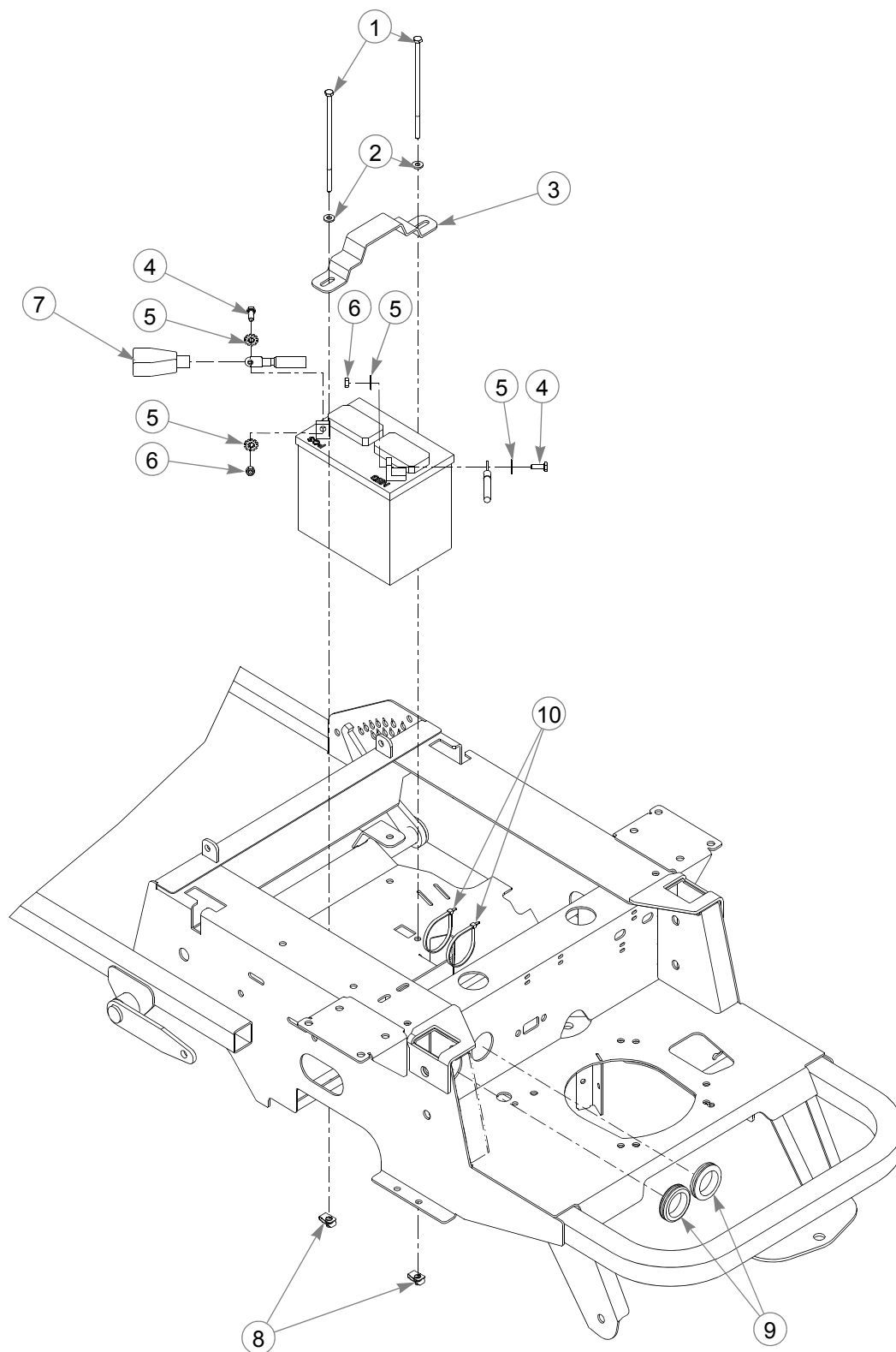
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## Section 6

Battery . . . . .	6-2
Instrument Panel, Kawasaki . . . . .	6-4
Instrument Panel, Kohler . . . . .	6-6

# **Battery**





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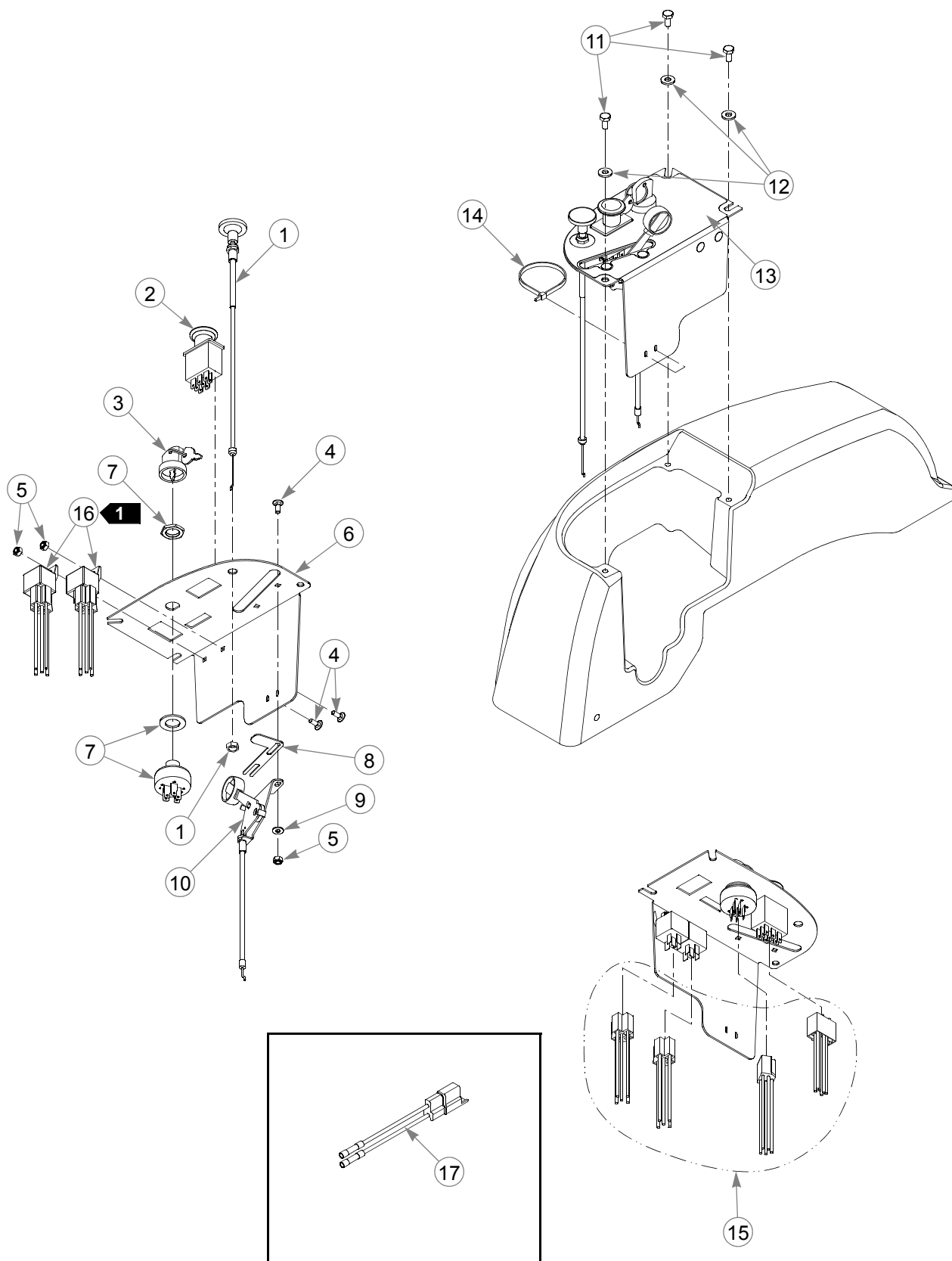
## **Battery**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601930	2	CS .250-20 X 6.50 HX G5
2	768515	2	FW .281 X .625 X .051/.080H
3	348417	1	BATTERY CLAMP STRAP
4	055939	2	CS .250-20 X .75 HX G5 ZN
5	029868	4	LW .250 INT-EXT TOOTH Z
6	024927	2	NT .250-20 HX G5 ZNYC
7	771428	1	RED BATTERY CABLE BOOT
8	601982	2	CN .250-20 X .15 MAX THK
9	794644	2	GROMMET
10	000331	2	WIRE TIE

---

### **NOTES:**

## **Instrument Panel, Kawasaki**



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## **Instrument Panel, Kawasaki**

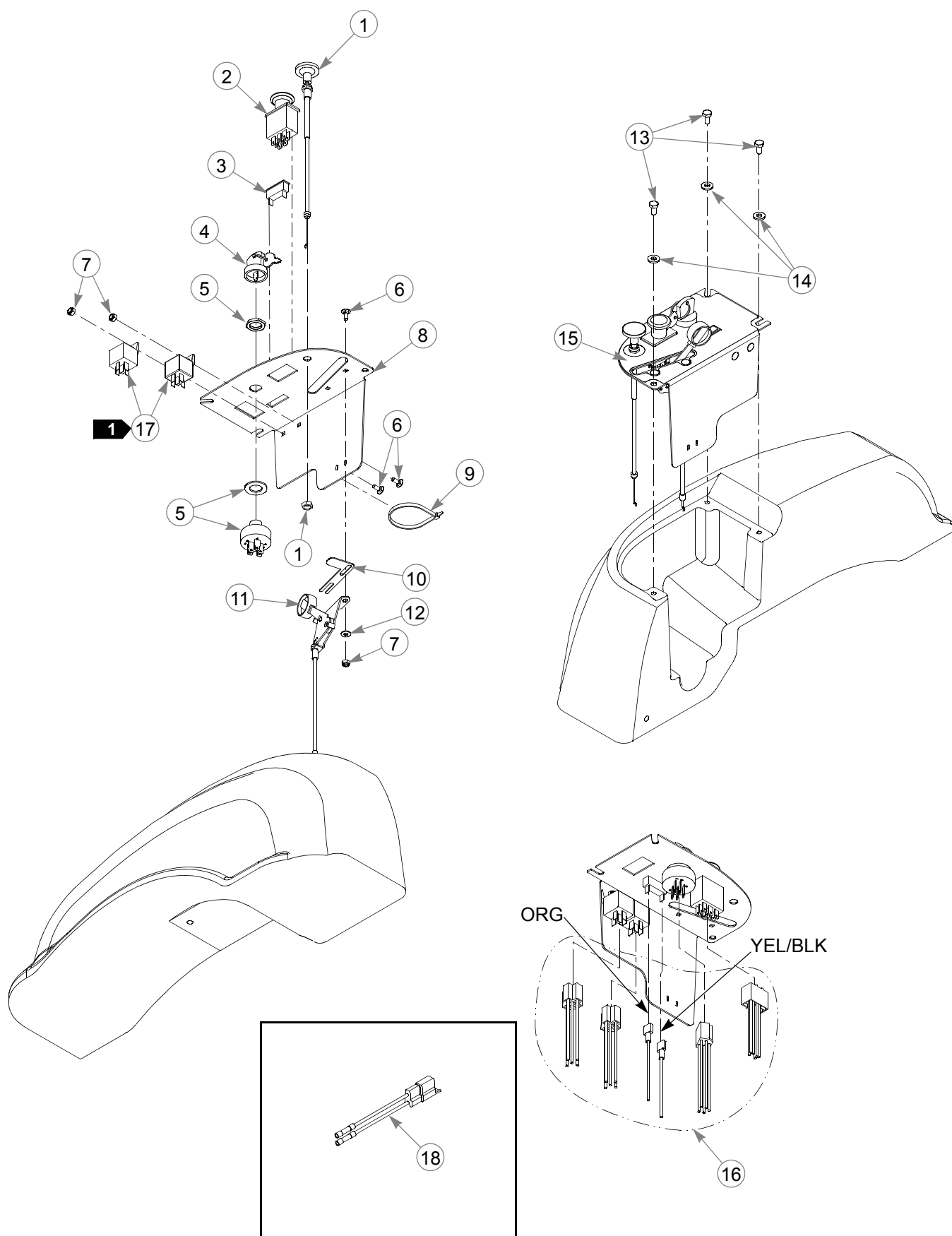
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601097	1	CHOKE CABLE
2	776476	1	PTO SWITCH
3	785808	1	KEY ASSEMBLY
4	601098	4	CB 10-24 X .50 ZYNC
5	059832	4	NT #10-24 HX NL ZN
6	550225	1	INSTRUMENT PANEL (WITH DECAL)
7	045898	1	IGNITION SWITCH
8	111906	1	THROTTLE STOP
9	704932	2	FW .219 X .50 X .048 ZNYC
10	601096	1	THROTTLE CABLE
11	055947	3	CS .250-20 X .50 HX G5
12	768515	3	FW .281 X .625 X .051/.080H
13	603109	1	INSTRUMENT PANEL DECAL
14	000331	5	WIRE TIE
15	601676	1	WIRE HARNESS
16	601053	2	SEALED RELAY (WITH BRACKET)
17	114052	1	CLUTCH CONNECTOR REPAIR KIT

---

### **NOTES:**

1. Part of the wire harness.

## **Instrument Panel, Kohler**



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## **Instrument Panel, Kohler**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	785030	1	CHOKE CABLE
2	776476	1	PTO SWITCH
3	712257	1	RED INDICATOR LIGHT
4	785808	1	KEY ASSEMBLY
5	045898	1	IGNITION SWITCH
6	601098	4	CB 10-24 X .50 ZYNC
7	059832	4	NT #10-24 HX NL ZN
8	550225	1	INSTRUMENT PANEL (WITH DECAL)
9	000331	6	WIRE TIE
10	111906	1	THROTTLE STOP
11	786384	1	THROTTLE CABLE
12	704932	2	FW .219 X .50 X .048 ZNYC
13	055947	3	CS .250-20 X .50 HX G5
14	768515	3	FW .281 X .625 X .051/.080H
15	602232	1	INSTRUMENT PANEL DECAL
16	602322	1	WIRE HARNESS
17	601053	2	SEALED RELAY (WITH BRACKET)
18	114052	1	CLUTCH CONNECTOR REPAIR KIT

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### **NOTES:**

1. Part of the wire harness.

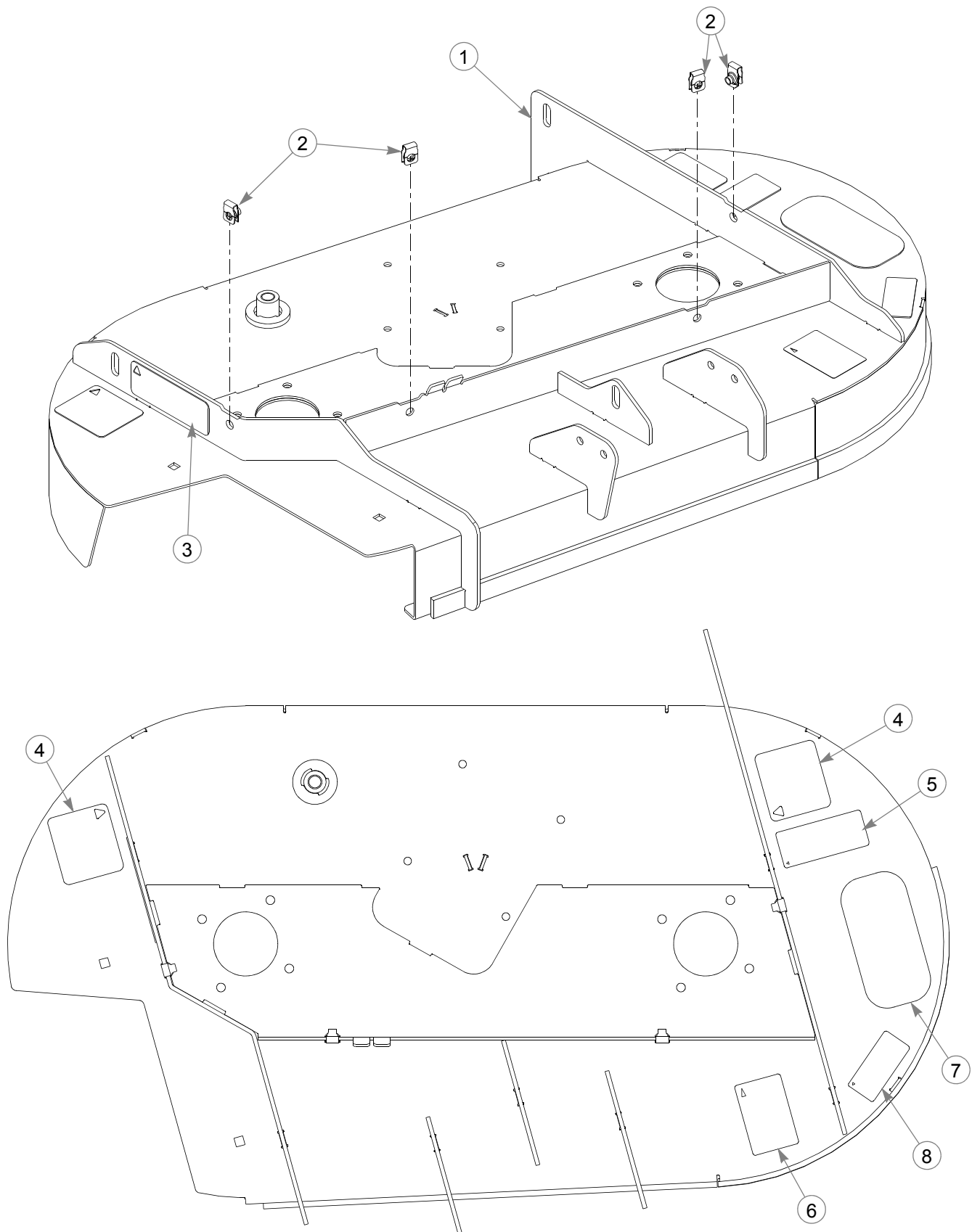


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## Section 7

42" Service Deck . . . . .	7-2
42" Deck Pulleys & Spindles . . . . .	7-4
42" Deck . . . . .	7-6
48" Service Deck . . . . .	7-8
48" Deck Pulleys & Spindles . . . . .	7-10
48" Deck . . . . .	7-12
Deck Lift. . . . .	7-14
Deck Mounting Hardware . . . . .	7-16

## **42" Service Deck**





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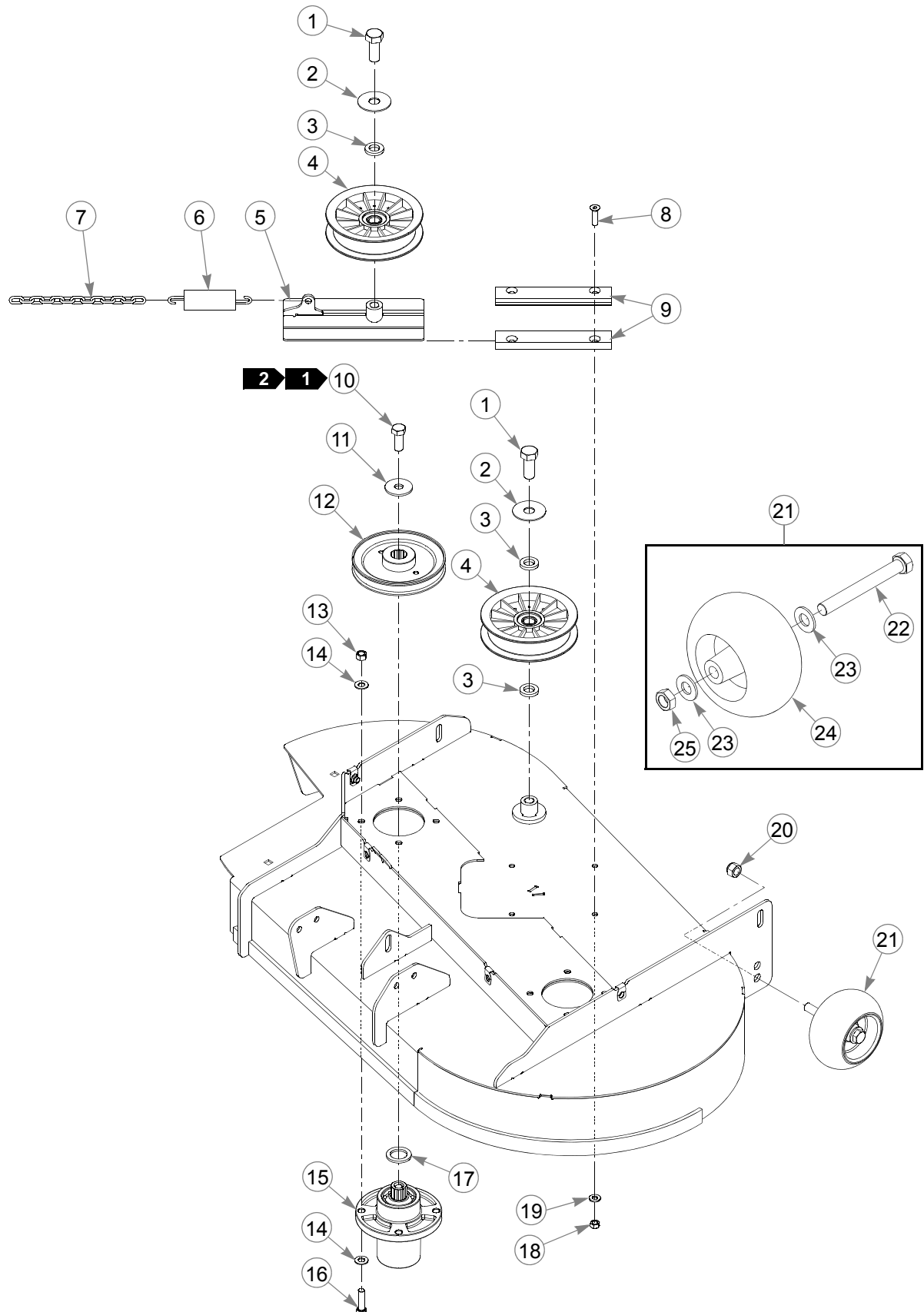
## **42" Service Deck**

INDEX NO.	PART NO.	QTY	DESCRIPTION
1	550592	1	42" DECK (WITH HARDWARE & DECALS)
2	601069	4	CN .312-18 X .20 MAX THK
3	601624	1	DISCHARGE CHUTE DECAL
4	601837	2	DECK DANGERS DECAL
5	601892	1	THROWN OBJECTS DECAL
6	602243	1	BELT ROUTING DECAL
7	794503	1	DECK STEP TREAD
8	793521	1	42" DECK ID DECAL

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### **NOTES:**

## **42" Deck Pulleys & Spindles**



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## **42" Deck Pulleys & Spindles**

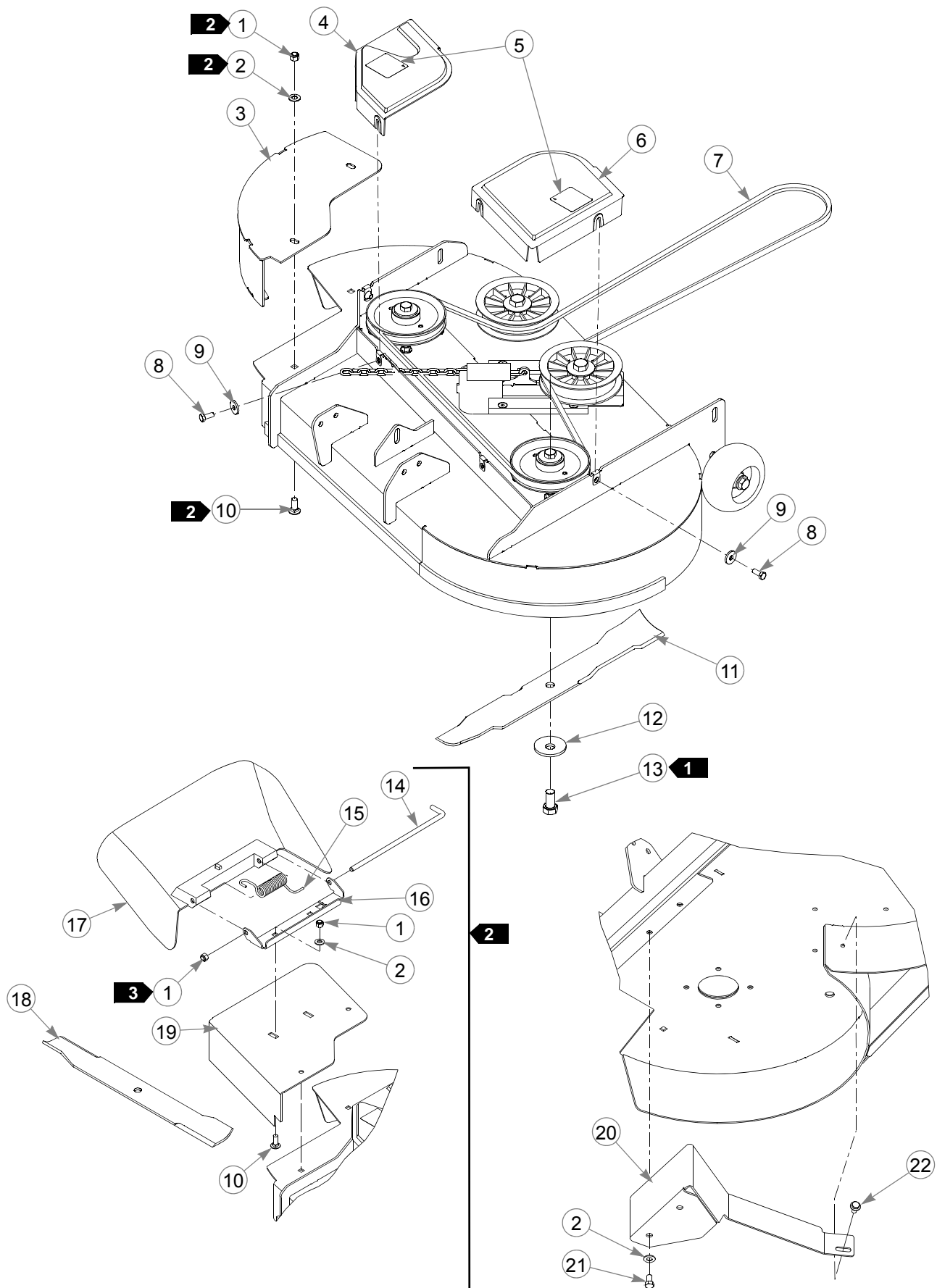
INDEX NO.	PART NO.	QTY	DESCRIPTION
1	794446	2	CS .625-11 X 1.50 HX G5
2	046821	2	FW .656 X 2.00 X .078 ZNYC
3	797449	3	FW .650 X 1.125 X .18 ZNYC G5
4	784504	2	IDLER PULLEY 5.0" OD
5	109770	1	IDLER SLIDE
6	036384	1	SPRING 1/4 COIL PL 1.23
7	259812	1	CHAIN, 13 LINK
8	784199	4	CS .312-18 X 1.25 FLT SH
9	601619	2	IDLER SLIDE UHMW
<b>1</b>	10 705954	2	CS .500-13 X 1.25 HX G5 ZN
<b>2</b>	781872	2	CS .625-11 X 1.25 HX G5 Z
<b>1</b>	11 798603	2	FW .515 X 1.65 X .125 HD ZY
<b>2</b>	782474	2	CW .631 X 2.25 X .187 PNT
12	793778	2	DECK SPINDLE PULLEY
13	054502	8	NT .375-16 HX G5 ZNY
14	767954	16	FW .406 X .812 X .060 SAE
<b>1</b>	15 601804	2	SPINDLE ASSEMBLY
<b>2</b>	783506	2	BLADE SPINDLE
16	005116	8	CS .375-16 X 1.375 HX G5
17	045765	2	FW 1.030 X 1.50 X .134 ZN
18	058776	4	NT .312-18 HX ZY NL
19	768523	4	FW .343 X .687 X .051/.080H
20	781567	1	NT .500-13 HX G8 ZY NL
21	788166	1	PLASTIC WHEEL ASSEMBLY (WITH HARDWARE)
22	781708	1	CS .500-13 X 4.25 HX G5
23	767962	2	FW .531 X 1.063 X .090 SAE
24	031997	1	PLASTIC WHEEL
25	053199	1	NT .500-13 HX JAM ZNYC

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### **NOTES:**

1. Used on mowers with serial numbers prior to 11021630 and higher than 11021740. Torque to 91–101 N-m.
2. Used on mowers with serial numbers between 11021630 and 11021740. Torque the spindle bolt to 160 N-m.

# 42" Deck



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## **42" Deck**

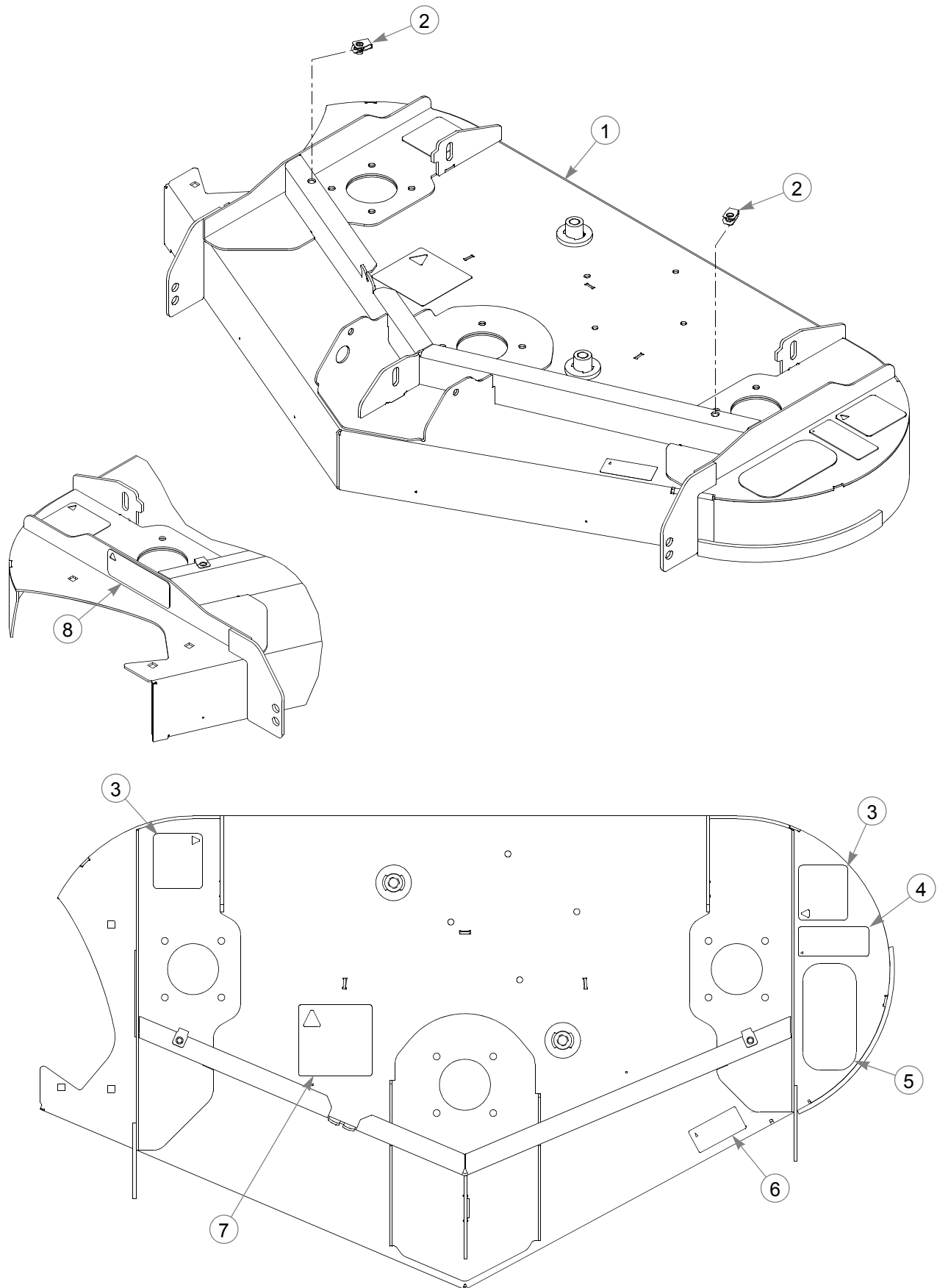
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	086660	5	NT .375-16 HX ZY NL
2	767954	6	FW .406 X .812 X .060 SAE
3	112724	1	CLOSE OFF MULCH
4	602751	1	RS PULLEY COVER
5	602562	2	NO SERVICE DECAL
6	602752	1	LS PULLEY COVER
7	600726	1	BELT, A 114.3" EL
8	034280	4	CS .312-18 X .75 HX G5
9	712927	4	FW .344 X 1.00 X.12 HRD Z
10	025395	4	CB .375-16 X 1.00 G5 ZNY
11	794214	2	BLADE, 20.50"-MUL-F-CW
12	782474	2	CW .631 X 2.25 X .187 PNT
13	781872	2	CS .625-11 X 1.25 HX G5 Z
14	601843	1	CHUTE PIN
15	602591	1	HEAVY TORSION SPRING
16	111067	1	CHUTE BRACKET
17	601806	1	DISCHARGE CHUTE
18	793794	2	BLADE, 20.50"-L-F-CW
	793935	2	BLADE, 20.50"-CAT-F-CW
	794230	2	BLADE, 20.50" GAT-F-CW
	794214	2	BLADE, 20.50"-MUL-F-CW
	600901	2	BLADE, F20.50"-L-F-CW
	794685	2	BLADE, F20.50"-H-F-CW
19	112429	1	DISCHARGE CHUTE PLATE
20	113657	1	42" MULCH DIVIDER
21	056069	2	CS .375-16 X .625 HX G5
22	799130	1	CS .312-18 X .50 HXFL

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### **NOTES:**

1. Torque to 160 N-m.
2. Items must be used when mulch system is removed.
3. Do not torque, the discharge chute must pivot freely.

## **48" Service Deck**



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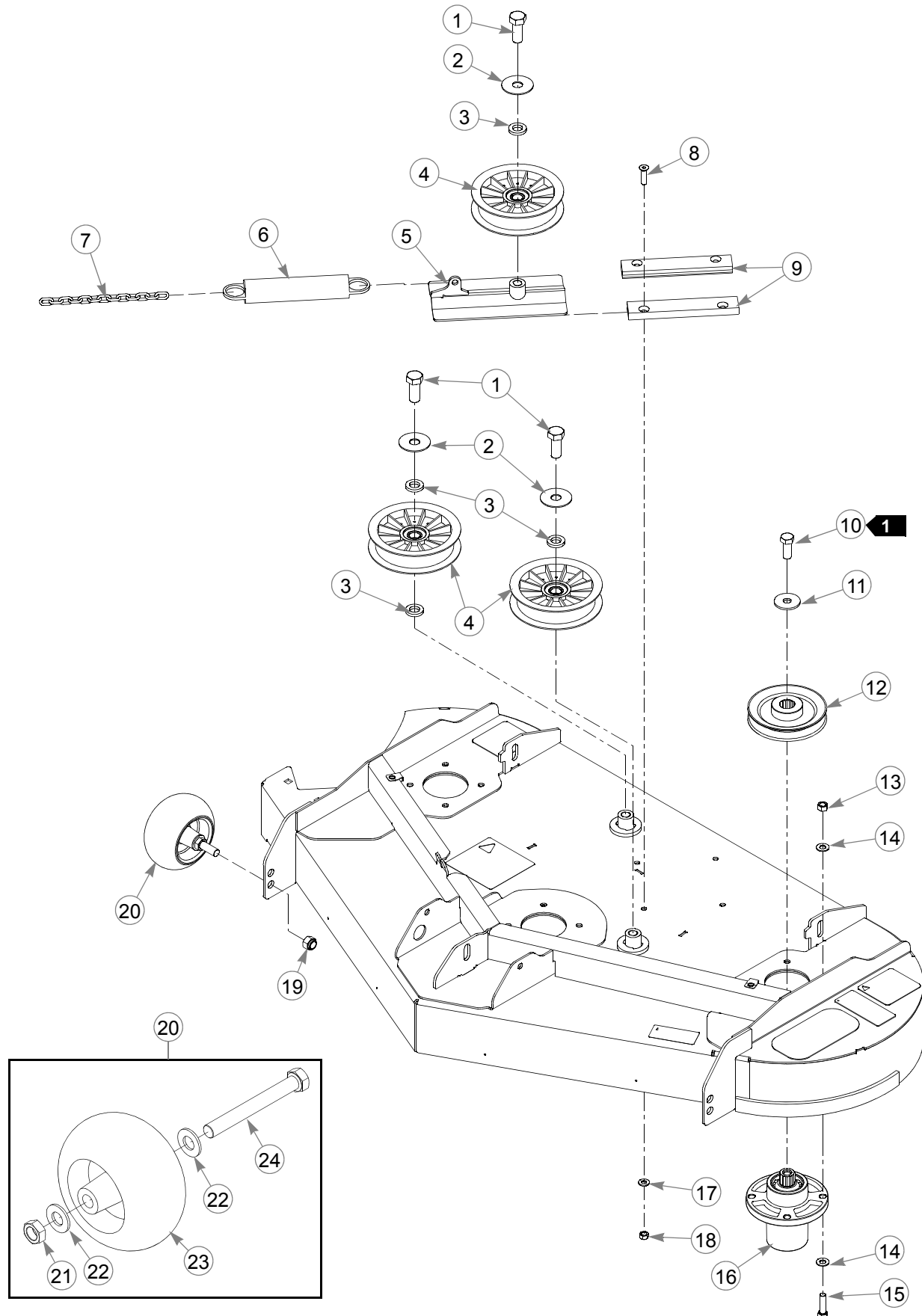
## **48" Service Deck**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	550017	1	48" DECK (WITH HARDWARE & DECALS)
2	601069	2	CN .312-18 X .20 MAX THK
3	601837	2	DECK DANGERS DECAL
4	601892	1	THROWN OBJECTS DECAL
5	794503	1	DECK STEP TREAD
6	793976	1	48" DECK ID DECAL
7	781419	1	BELT ROUTING DECAL
8	601624	1	DISCHARGE CHUTE DECAL

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### **NOTES:**

## **48" Deck Pulleys & Spindles**





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## **48" Deck Pulleys & Spindles**

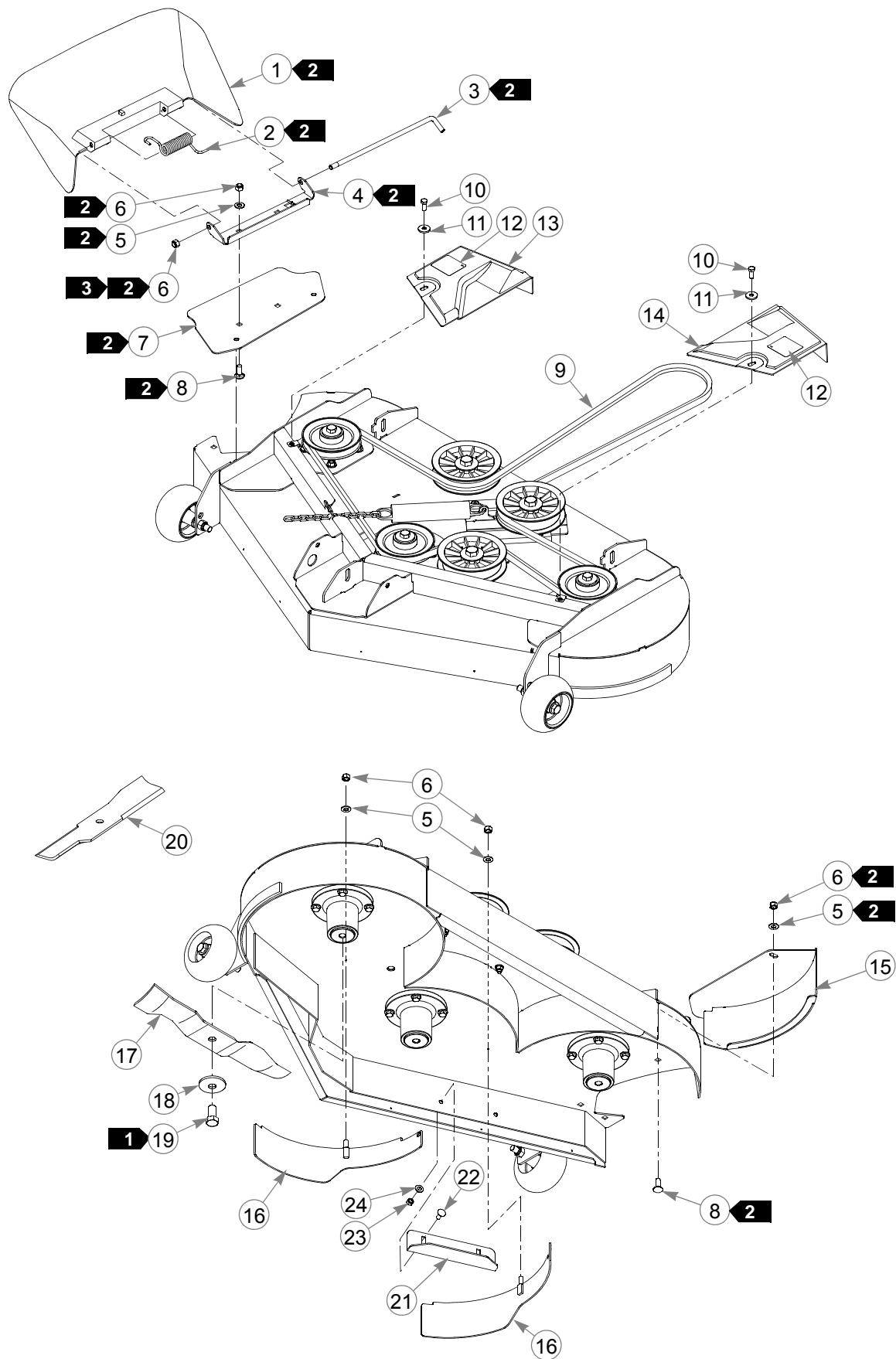
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	794446	3	CS .625-11 X 1.50 HX G5
2	046821	3	FW .656 X 2.00 X .078 ZNYC
3	797449	4	FW .650 X 1.125 X .18 ZNYC G5
4	784504	3	IDLER PULLEY 5.0" OD
5	109770	1	IDLER SLIDE
6	781302	1	TENSION SPRING
7	259812	1	CHAIN, 13 LINK
8	784199	4	CS .312-18 X 1.25 FLT SH
9	601619	2	IDLER SLIDE UHMW
10	705954	3	CS .500-13 X 1.25 HX G5 ZN
11	798603	3	FW .515 X 1.65 X .125 HD ZY
12	792689	3	DRIVE PULLEY 5.19" OP
13	054502	12	NT .375-16 HX G5 ZNY
14	767954	24	FW .406 X .812 X .060 SAE
15	005116	12	CS .375-16 X 1.375 HX G5
16	601804	3	SPINDLE ASSEMBLY
17	768523	4	FW .343 X .687 X .051/.080H
18	058776	4	NT .312-18 HX ZY NL
19	781567	2	NT .500-13 HX G8 ZY NL
20	788166	2	PLASTIC WHEEL ASSEMBLY (WITH HARDWARE)
21	053199	2	NT .500-13 HX JAM ZNYC
22	767962	4	FW .531 X 1.063 X .090 SAE
23	031997	2	PLASTIC WHEEL
24	781708	2	CS .500-13 X 4.25 HX G5

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### **NOTES:**

1. Torque to 99 N-m.

## 48" Deck



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## **48" Deck**

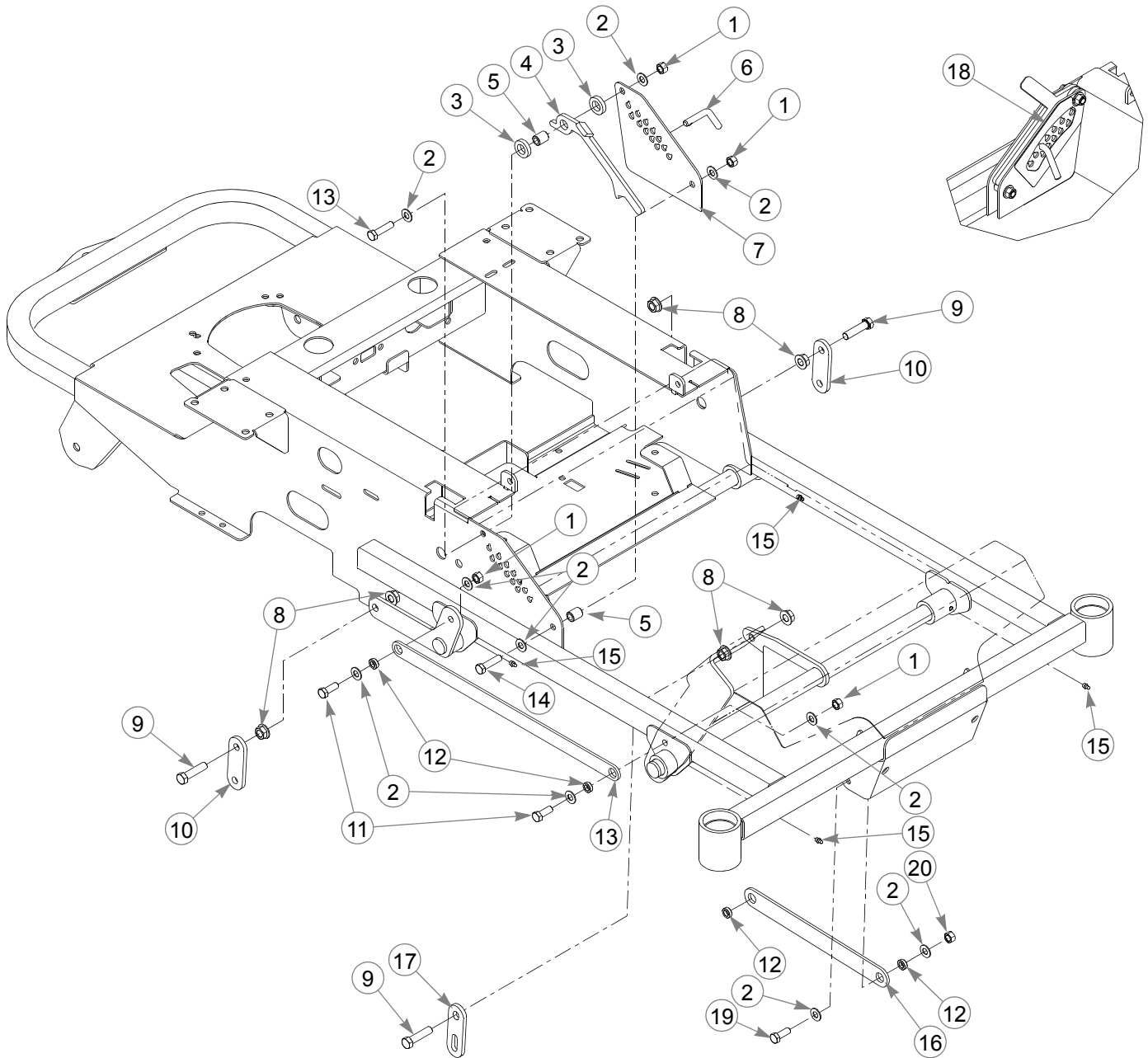
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601806	1	DISCHARGE CHUTE
2	602591	1	HEAVY TORSION SPRING
3	601843	1	CHUTE PIN
4	111067	1	CHUTE BRACKET
5	767954	6	FW .406 X .812 X .060 SAE
6	086660	7	NT .375-16 HX ZY NL
7	110821	1	CHUTE ADAPTER PLATE
8	025395	4	CB .375-16 X 1.00 G5 ZNY
9	771634	1	BELT, B 134.50" EL
10	034280	2	CS .312-18 X .75 HX G5
11	712927	2	FW .344 X 1.00 X .12 HRD Z
12	602562	2	NO SERVICE DECAL
13	601984	1	RS PULLEY COVER
14	601985	1	LS PULLEY COVER
15	114518	1	48" MULCH CAP
16	108225	2	48" MULCH BAFFLE
17	796623	3	BLADE, 16.50"-MUL-F-CW
18	782474	3	CW .631 2.250 X .187 PNT
19	781872	3	CS .625-11 X 1.25 HX G5 Z
20	601123	3	BLADE, 16.50"-L-F-CW
	796631	3	BLADE, 16.50"-GAT-F-CW
	795757	3	BLADE, F16.50"-H-F-CW
21	111999	2	BLOWOUT BAFFLE
22	016253	2	CB .312-18 X .75 FUL ZN
23	058776	2	NT .312-18 HX ZY NL
24	768523	2	FW .343 X .687 X .051/.080H

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### **NOTES:**

1. Torque to 160 N-m.
2. Items must be used when mulch system is removed.
3. Do not torque, the discharge chute must pivot freely.

## **Deck Lift**



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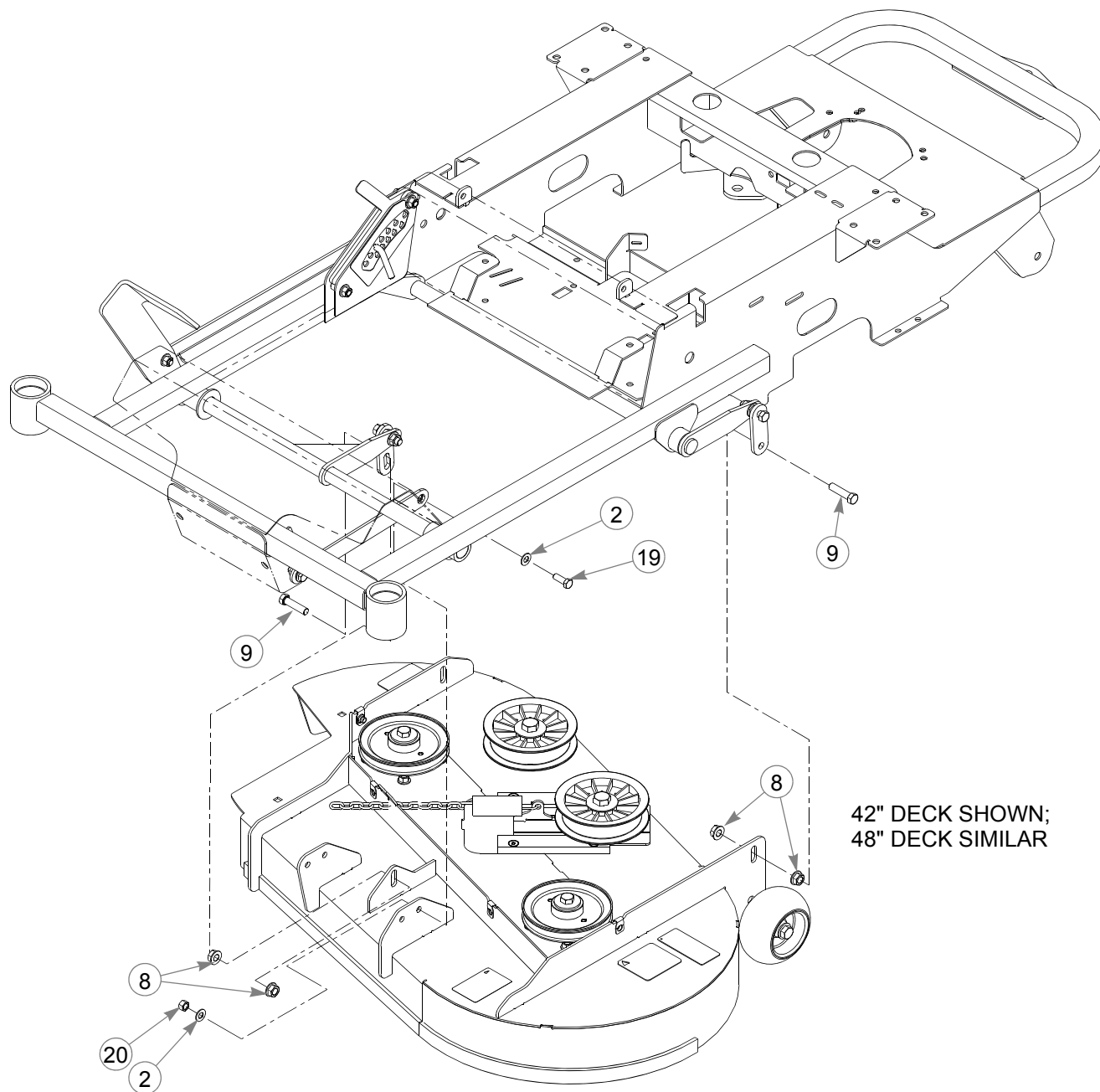
## **Deck Lift**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	054502	4	NT .375-16 HX GRD 5 ZNY
2	767954	16	FW .406 X .812 X .060 SAE
3	769257	2	FW .656 X 1.25 X .25 ZNY
4	110829	1	DECK HEIGHT LOCK HANDLE
5	348862	2	STEERLEVER BUSHING
6	601963	1	DECK HEIGHT STOP PIN
7	550216CE	1	LS DECK ADJUST PLATE (WITH DECAL)
8	704643	12	NT .437-14 HX FLG ZN
9	055749	6	CS .437-14 X 1.75 HX G5
10	110929	2	DECK LIFT LINK, NON-SLOT
11	036244	2	CS .375-16 X 1.00 HX G5
12	601839	6	PIVOT SPACER BUSHING
13	110884	1	LIFT PEDAL LINK
14	080655	2	CS .375-16 X 1.50 HX G5
15	015495	4	GREASE FITTING STRAIGHT
16	110879	2	PULLER STRAP
17	110880	1	DECK LIFT LINK
18	601814CE	1	DECK HEIGHT DECAL
19	052860	4	CS .375-16 X 1.25 HX G5 ZN
20	086660	4	NT .375-16 HX ZY NL

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### **NOTES:**

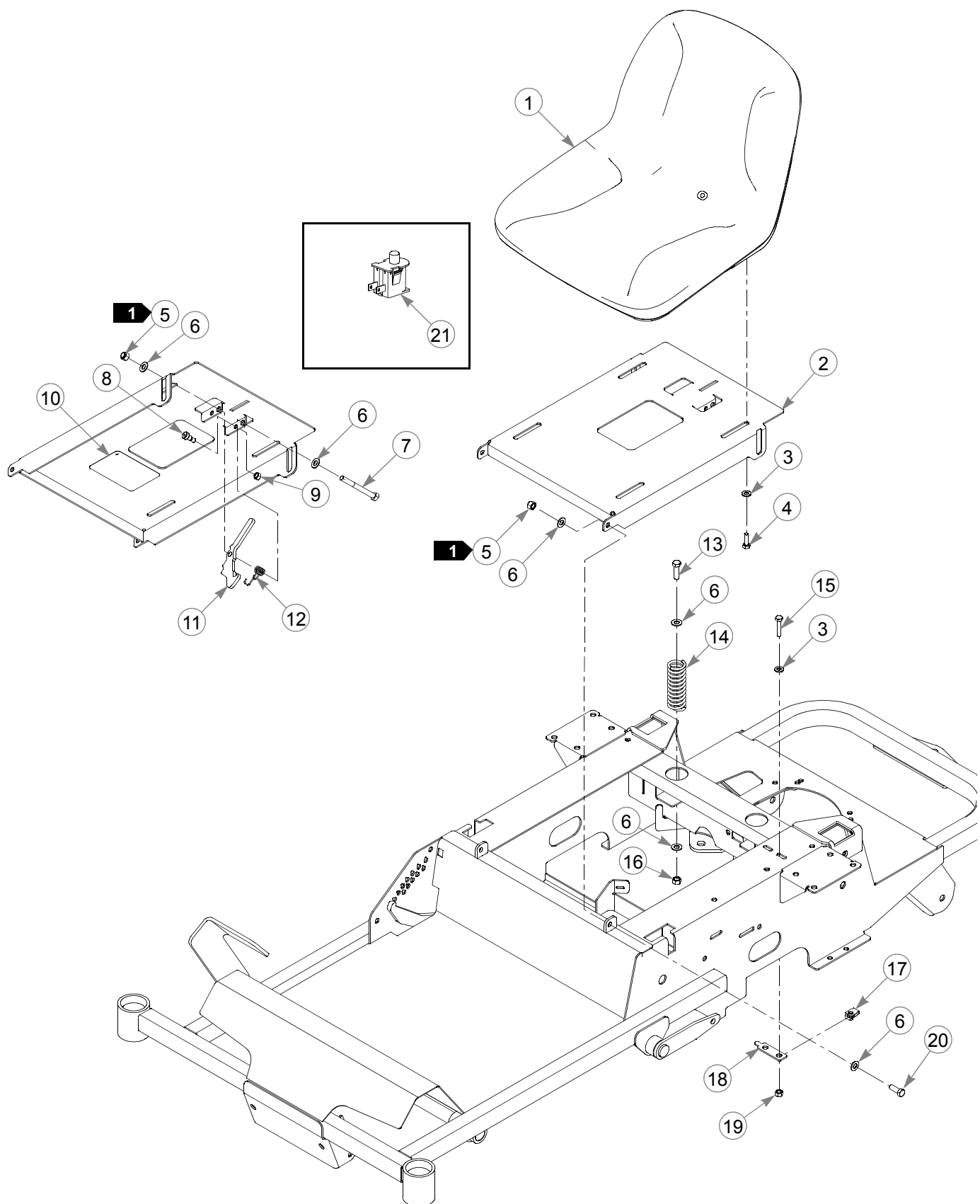
## **Deck Mounting Hardware**



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## Section 8

Seat ..... 8-2





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## **Seat**

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601807	1	STANDARD SEAT
2	550853	1	SEAT PAN (WITH DECAL)
3	768523	6	FW .343 X .687 X .051/.080H
4	079186	4	CS .312-18 X 1.25 HX G5
5	086660	3	NT .375-16 HX ZY NL
6	767954	10	FW .406 X .812 X .060 SAE
7	005108	1	CS .375-16 X 3.50 HX G5 Z
8	754358	1	SB .375 X .375 SH .312-18
9	034272	1	NT .312-18 HX G5 ZNYC
10	601815	1	BATTERY WARNINGS DECAL
11	603101	1	SEAT LATCH
12	783910	1	TORSION SPRING
13	052860	2	CS .375-16 X 1.25 HX G5 ZN
14	793851	2	COMPRESSION SPRING 1.25 X 4.00 X .188
15	756270	2	CS .312-18 X 1.50 FLTHR HX
16	054502	2	NT .375-16 HX G5 ZNY
17	601069	2	CN .312-18 X .20 MAX THK
18	110876	1	SEAT PAN CATCH
19	070557	2	NT .312-18 HX UNT ZN
20	036244	2	CS .375-16 X 1.00 HX G5
21	793315	1	SEAT SWITCH

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### **NOTES:**

1. Do not torque; seat pan & latch must pivot freely.

